



COUNTY BOROUGH OF OLDHAM.

REPORT
ON THE
HEALTH OF OLDHAM
FOR THE YEAR 1931,

BY
JAMES B. WILKINSON,
M.D., C.M., D.P.H.

MEDICAL OFFICER OF HEALTH AND TUBERCULOSIS OFFICER ;
MEDICAL OFFICER TO THE EDUCATION COMMITTEE ;
MEDICAL SUPERINTENDENT OF WESTHULME AND STRINESDALE HOSPITALS ;
EX-PRESIDENT AND EXAMINER TO THE INSTITUTE OF SANITARY ENGINEERS ;
FELLOW ROYAL INSTITUTE OF PUBLIC HEALTH ;
FELLOW ROYAL SANITARY-INSTITUTE ;
FELLOW INCORPORATED SOCIETY OF MEDICAL OFFICERS OF HEALTH.

MEMBERS of the HEALTH COMMITTEE, 1931

Mr. Alderman W. H. Bolton, J.P., Chairman.

„ Councillor Taylor, Vice-Chairman.

The Mayor, Mr. Alderman Waterhouse, J.P

Mr. Councillor J. Low, J.P.

Miss Councillor M. Lees.

Mr. Councillor Barlow.

„ „ Halliwell.

„ „ Thorpe.

Mrs. Councillor Slocock.

MATERNITY and CHILD WELFARE COMMITTEE.

All the Members of the Health Committee with the addition of Mrs. Bainbridge, B.A., Mrs. Gourlay, Mrs. Jackson, and Mrs. Ridgway.

HOSPITAL SUB-COMMITTEE.

Alderman Bolton, Councillors Taylor, Low and Slocock.

BUILDINGS SUB-COMMITTEE.

Alderman Bolton, Councillors Taylor, Barlow and Thorpe.

*To the Mayor, Aldermen and Councillors of the
Oldham Borough Council.*

LADIES AND GENTLEMEN,

I herewith submit my Annual Report on the work of the Health Department and Hospitals during the year 1931.

As last year was the quinquennial survey of the town in which the various details relating to public health and allied services had to be recorded in full and very little alteration has taken place since then, I propose, with a view to economy to curtail this report as much as possible indicating only those matters in which there has been any alteration made. The statistics and tables, in order to preserve continuity of record, will be printed as usual.

It is often that details from these records are asked for, not only locally but for other districts and it is necessary to have these tabulated as usual.

The arranging of the work at Boundary Park Municipal Hospital and the extensions which have been in progress has taken up a very considerable amount of time, more than any member of the Council probably appreciates. in order that it should be ready for complete separation of the services, with the exception of the laundry, from the Public Assistance Department. The Hospital has been running very smoothly and is now in fair condition with the exception of the Children's Block which is most unsuitable for this purpose. The suggestion which I made last summer and which was approved by the Council would

have placed the accommodation of the children in infinitely better circumstances and they are the ones who need good accommodation most. In my opinion if the undertaking given by the Council in their declaration is to be carried out some extension will have to be made.

With regard to the work on housing this has also been delayed by work in other departments.

The results of the Census in 1931 as far as population is concerned and the population of the different wards will enable accurate statistics to be prepared, the Council will see that considerable alterations in the population of the different wards have occurred.

I must draw attention also to the Sewage Works. Two years ago owing to the extensions and the impossibility to proceed with the routine work it was necessary for 13 men to be discharged and these men have never been replaced. The result together with the cutting down of the sum allowed for carrying on the work has rendered it impossible to carry out the necessary work and both the filter beds and other arrangements are suffering very considerably in consequence.

In conclusion, I must express my thanks to the members of the Health Committee for their confidence, and also to the members of my staff for their ready and loyal assistance.

I have the honour to remain,

Your obedient Servant,

JAMES B. WILKINSON,

Health Office,

MEDICAL OFFICER OF HEALTH.

Town Hall,

April, 1932.

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Natural and Social Conditions of the Area.

AREA.

The area of the town is given in the Survey Returns as 4,735 Acres.

POPULATION.

Census 1921—144,983 Persons.

This was subsequently altered by the Registrar General to 148,300, by re-allocation of the population who were temporarily in other towns. The Census in 1931 was 141,906 thus showing a considerable decrease. The population of the different wards has been obtained in advance and the alterations in the incidence of the population will be seen to be very considerable from a perusal of the following summary :—

WARD POPULATIONS :—

WARD	Census Population 1921	Census Population 1931	Increase or Decrease
St. Mary's	10,986	9,870	— 1,116
St. Peter's	11,562	9,934	— 1,628
Werneth	12,113	10,924	— 1,189
Westwood	14,888	13,672	— 1,216
St. Paul's	14,863	16,282	+ 1,419
Coldhurst	10,583	7,592	— 2,991
Hartford	13,133	11,565	— 1,468
Holiinwood	9,915	12,118	+ 2,203
Clarksfield	15,824	16,014	+ 190
Mumps	8,583	7,810	— 773
St. James'	11,205	10,215	— 990
Waterhead	13,205	14,213	+ 1,008

The number of inhabited houses, the number of separate families and other records are not yet available. The inhabited houses in 1921 was 34,845 and number of separate families 34,755.

The Ratable Value was estimated on April 1st, 1932, at £700,118.

The sum represented by a penny rate is estimated for 1932 at £2,647. This is about £500 less than the amount before the derating.

The decrease of about 6,000 in this population and the building of about 2,000 houses in the last Census period has an important bearing on this demand for houses.

Social Conditions.

These vary very little from those given in last year's report and the conditions of trade have even deteriorated from that time. Several of the mills have been demolished and others closed. One or two new industries have been established in the town but the short time and lack of work has not improved since the previous year. The machinery firms are also in a very quiet condition. All these circumstances affect very considerably the shop keepers and others in the town

As regards housing, except in furnished rooms where the overcrowding has been more moral than actual, there has not been much alteration and very few cases of overcrowding have been discovered from the house inspections. Not only has population decreased but over 2,000 houses

have been built in the Borough during the last 10 years. I pointed out in my previous report the area for building inside the Borough is exceedingly limited. The town itself, in certain districts at any rate, is overcrowded with houses.

Public Health Officers of the Local Authority.

The List of the Staff in the various branches under the control of the Health Committee was given in full last year. Very little alteration has occurred. The following are practically the only alterations.

The Assistant Meat and Food Inspector resigned and his position was taken by one who had been a Butcher.

Among the Health Visitors I regret to report the death of Nurse Thompson after a short illness and Nurse W. M. Smart was appointed in her place. Nurse Smart is a General Trained Nurse and now holds the Certificate of a Health Visitor. Nurse J. M. Evans has also obtained this Certificate.

The Clinical Tuberculosis Officer and Deputy Medical Officer of Health, Dr. Harvey, obtained the appointment of Medical Officer of Health of Southgate and Dr. Andrew Anderson was appointed in his place in February. The other Officers remain the same.

HOME NURSING.

No alteration has been made in the arrangements for home nursing in the town.

MIDWIVES.

Including the Midwives at the Nursing Home and at the Maternity Home the number which was on the list for practising in the Borough at the close of the year was 46 compared with 39 in the previous year. There is only one Midwife now who was placed on the list when the Midwives Act came into force and one other who removed into the town two or three years ago. Neither of these two has very much work. The following is a list :—

LIST OF MIDWIVES.

Name.	Address.	Number of Certificate	Date of Certificate.
Bailey, Annie	457, Ashton Road	49570	Nov. /19 (4)
Barratt, Bertha	60, Dunkerley Street ...	38797	Nov. 1/13 (4)
Barritt, Dorothy.....	Greenacres Maternity Home	80048	(4)
Billington, Annie	77, Vulcan Street.....	33601	June 20/1911 (4)
Blackburn, Marjorie	Greenacres Maternity Home	79345	Nov. 25/30 (4)
Challinor, Elizabeth	26, Dickenson Street ...	480	Dec. 17/1903
Clegg, Kate.....	3, Featherstall Road S.	38861	Nov. 1913 (4)
Cockcroft, Ethel.....	28, Merton Avenue ...	78103	May 24/1930 (4)
Corless, Elizabeth Ellen..	177, Lee Street.....	10733	Dec. 22/1904 (1)
Costello, A.....	69, Oldham Rd., Royton	42668	June /1915 (4)
Crompton, Elsie	43, Kingsbridge Road ...	78778	Aug. 15/1930 (4)
Dalton, Catherine	12, Charter Street..	54723	Aug. 13/1921 (4)
Davies, N.	2, Ruskin Street	74304	Nov. 24/28 (4)
Denton, Jane Ann	9, Rectory Av., Prest- wich, Nr. M/c.	18831	April 27/1905 (4)
Dixon, Gladys	Greenacres Maternity Home	79468	Nov. 22/30 (4)
Eastwood, Annie	335, Greenacres Road ...	46434	Nov. 10/1917 (4)
Eccles, Leah D.....	49, Prince Albert Street	72684	Feb. 25/28 (4)
Ellard, Mary A.	11, Albert Street	20617	April 28/1886
Entwistle, Alice	88, Manchester Road ...	70956	May 26/27 (4)
Fawley, Jemima	86, Brewerton Road ...	56308	Feb. 11/1922 (4)
Fitton, B. E.	29, Burnley Lane, Chadderton	56915	April 19/1922 (4)
Hatch, Emma.....	245, Ashton Road West, Failsworth	40388	June 22/14 (4)
Hawcroft, Elsie	251, Burnley Lane, Chadderton	57614	June 10/22 (4)
Hobday, Ethel	Greenacres Maternity Home	49239	Aug. 7/1919 (4)
Hill, Florence	331, Manchester Road...	36110	June 15/1912 (4)
Jenkinson, Mary Alice ...	29, Grasmere Road	48807	May 10/1919 (4)
Jones, Ann	199, Coalshaw Green Rd. Chadderton	38271	June 16/1913 (4)

LIST OF MIDWIVES—CONTINUED.

Name.	Address.	Number of Certificate	Date of Certificate
Lees, Jane	94, Stanley Road, Chadderton	74796	Nov. 24/28 (4)
Markwell, Hilda.....	Greenacres Maternity Home	61452	Oct. 8/1923 (4)
Mayall, Sarah A.	2, Esther Street	53875	April 13/1921 (4)
McGrath, Margaret	78, Featherstall Road, N	59476	Feb. 10/1923 (4)
Noton, Jane.....	29, Queen's Road, Chadderton	80423	Feb. 3/31 (4)
Passey, Clara	66, Hardy Street	74448	Nov. 14/1928 (4)
Platt, May	30, Lees Street, Shaw	74755	Nov. 24/1928 (4)
Reeves, Sarah Elizabeth.	176, Garforth Street..... Chadderton	41891	Feb. 20/1916 (4)
Riley, Frances E.	Oldham Nursing Association	80051	(4)
Rose, Edith Florence ...	Greenacres Maternity Home	72950	Feb. 25/1928 (4)
Rushworth, Edith	8, Carrington Street, Hollinwood.	75404	Feb. 23/1929 (4)
Shaw, Martha.....	93, Henshaw Street.....	78523	May 24/30 (4)
Shaw, Vera.....	720, Oldham Road, Bardsley...	64107	Aug. 9/1924 (4)
Stafford, Martha Ann ...	41, Walker Lane, Springhead...	46268	Aug. 11/1917 (4)
Taylor, Margaret	52, Farrow St., Shaw ...	67050	Aug. 15/25 (4)
Thorp, E. A.	Oldham Nursing Association	72456	(4)
Trevitt, N.	364, Ripponden Road ...	59642	Feb. 10/1923 (4)
Wild, Hilda	17, Kersley Street	54887	Aug. 13/1921 (4)
Wilkinson, M. A.	1, Eden Street	62162	Dec. 12/23 (4)

(1) Holds the Certificate of St. Mary's Hospital, Manchester.

(4) Passed the Examination of the Central Midwives' Board.

POOR LAW MEDICAL OUT-RELIEF.

The arrangements for Poor Law Medical Relief remains the same as in the previous year.

LABORATORY FACILITIES.

The facilities for Bacteriological Examination also remains the same. Arrangements have been made during the current year for the examination of Milk samples for Tuberculosis with the Manchester University.

LEGISLATION IN FORCE.

Legislation in force remains the same as in the previous year.

General Provision of Health Services.

The Hospitals and allied Institutions in the town are the same as in the previous year and are briefly enumerated as follows:—

(1) THE OLDHAM ROYAL INFIRMARY with 182 beds for in-patients, a large out-patient's Department, a fully equipped Electrical and Orthopædic Department and a well appointed Laboratory. The Venereal Disease Clinic is at this Institution. There is also a Convalescent Home attached to the Hospital which is outside the Borough.

(2) VOLUNTARY NURSING INSTITUTION for the supply of Nurses.

(3) A NURSING HOME thoroughly well equipped and managed by a Committee of Medical Men practising in the Borough. The fees are fixed to cover the cost of the Institution. Maternity cases are also admitted.

(4) BOUNDARY PARK MUNICIPAL HOSPITAL. This has been running throughout the year under the supervision of the Public Health Committee. As a result of the suggestions from the Ministry of Health the chronic cases, which do not require medical treatment but only nursing and supervision, have been transferred to the wards under the control of the Public Assistance Committee. The food, laundry and heating have been supplied by the Public Assistance Committee up to April 1st, 1932, but after this the Hospital, with the exception of the laundry, will be self-contained and entirely separate from the Public Assistance Institution. The wards have all been thoroughly cleaned through, new steam heating pipes have been fixed, a separate entrance has been provided and new kitchens with additional bed-rooms for the domestic staff have been built. A Store room under one of the Hospital Blocks has been arranged and also a small Laboratory for the use of the medical staff. These are in course of construction. Up to the present only temporary arrangements have been made as regards the use of the Electrical equipment. As previously recorded the Children's Block is most unsatisfactory. The wards are badly arranged and some better accommodation for the children is urgently necessary. A Sanatorium Pavilion for the children was suggested during the summer and was approved by the Health Committee and subsequently by the Council, but the matter has been postponed owing to suggestions by the

Ministry of Health. If this is completed the small wards in the Children's Block could be used pending re-building for cases which require a certain amount of isolation such as septic cases, some forms of infectious or contagious diseases.

The present arrangements which will come into work on the 1st April, 1932 are briefly as follows :—

A full time Steward has been appointed. A head Cook with the necessary Staff has also been appointed.

I must here express my appreciation of the immense amount of assistance and cordial co-operation of the Master of the Institution who was appointed as a temporary Steward for the transitional two years. Without his co-operation it would have been very difficult to carry on the Hospital efficiently during the period of transfer.

His experience and administrative abilities during a difficult period have been invaluable.

As regards the Medical Staff an Assistant Surgeon and an additional resident Assistant Medical Officer were appointed early in the year and there are now three residents in the place of two. The other Officers remain the same. Additional Nurses are required to carry out the work of the Hospital efficiently and a consideration of this will take place as soon as additional bed-rooms are available.

Although the number of patients during the year has not increased the work has increased owing to the greater proportion of acute cases which have been admitted, while the chronic cases only require nursing and supervision have been transferred to the Institution.

During the year there were 747 Surgical Operations under general anæsthetic compared with 552 in 1930. The Population served is about 236,500 of which about 94,000 belong to the County area.

The following is a summary of Patients admitted during the year:—

Number of beds (approximately)

	MEN	WOMEN	CHILDREN	TOTAL
Medical	60	43	—	103
Surgical	37	38	—	75
Children	—	—	83	83
Chronic Sick ...	31	25	—	56
Venereal	—	—	—	—
Tuberculosis ...	12	9	—	21
Isolation	—	5	—	5
Maternity	—	20	18*	20

* Babies Cots.

Statistics relating to the Year ending December 31st, 1931.

IN-PATIENTS.

1.	Total number of admissions	3464
2.	Number of Maternity Cases admitted	454
3.	Number of live births	400
4.	Number of still births	61
5.	Number of deaths among the new-born (ie., under four weeks of age)	46
6.	Total number of deaths among children under one year	67
7.	Number of maternal deaths	6
8.	Total number of deaths... ..	515

9.	Number of patients discharged	...	...	...	3026
10.	Average duration of stay of patients, included in 8 and 9 above (total patient days divided by deaths and discharges)	...	...	...	26.3
11.	Number of beds occupied (a) average during the period	...	...	...	272
	(b) highest on 26th February	...	...	...	337
	(c) lowest on 28th December	...	...	...	221
12.	Number of surgical operations under general anæsthetic (excluding dental operations)	...	...	...	747
13.	Number of abdominal sections	...	...	...	380

OUT-PATIENTS.

No Out-patient Department.

Classification of in-patients who were discharged from or who died in the Institution during the year ended 31st December, 1931.

Disease Groups.				Children under 16 yrs.		Men and Women	
				Dis-charged	Died	Dis-charged	Died
A.	Acute Infectious Disease	...	...	12	—	60	8
B.	Influenza	...	...	3	—	33	2
C.	Tuberculosis						
	Pulmonary	...	...	2	—	27	10
	Non-pulmonary	...	...	9	—	22	3
D.	Malignant disease	...	...	—	—	46	31

CLASSIFICATION— continued.

					Children under 16 yrs.		Men and Women	
					Dis- charged	Disd	Dis- charged	Died
E. Rheumatism								
(1) Acute rheumatism (rheumatic fever) together with sub-acute rheumatism and chorea ...					8	—	11	—
(2) Non-articular manifestations of so called "rheumatism" (muscular rheumatism, fibrositis, lumbago and sciatica)					5	—	12	1
(3) Chronic Arthritis					1	—	31	1
F. Venereal disease					1	—	28	—
G. Puerperal Pyrexia					—	—	16	—
H. Puerperal Fever					—	—	2	2
I. Other diseases and accidents connected with child bearing					—	—	132	14
J. Mental diseases					2	—	22	—
K. Senile decay					—	—	34	7
L. Violence					8	1	65	7
(in respect of cases not included above)								
M. Disease of the Nervous System and Sense Organs					51	10	69	25
N. Disease of the Respiratory System					85	18	172	104
O. " " " Circulatory "					8	—	127	100
P. " " " Digestive "					50	4	360	60
Q. " " " Genito-Urinary, "					12	—	166	26
R. " " " Skin					56	1	110	7
S. Other diseases					135	10	105	13
T. Mothers and Infants discharged from Maternity Wards and not included in above figures					378	50	550	6

(5) WESTHULME INFECTIOUS DISEASES HOSPITAL—The arrangements remain the same. Fortunately owing to the diminution in infectious disease much fewer number of patients have had to be admitted.

(6) TUBERCULOSIS SANATORIUM AT STRINESDALE—remains the same as in the previous year with the exception that the dining room and recreation room have become more dilapidated.

(7) RACEFIELD HOSPITAL—(Chadderton, Royton and Crompton Joint Hospital Board). Fortunately in the Borough no cases of Small-Pox have been reported during the year and in consequence there has been no claim upon the accommodation of this Hospital.

(8) MATERNITY HOME—This Institution remains the same and a summary of the number of cases admitted is given on a later page. There are now 14 beds in the Hospital.

TUBERCULOSIS DISPENSARY (25, Barker Street).

VENEREAL DISEASES CENTRE—At Royal Infirmary.

MATERNITY AND CHILD WELFARE CENTRES.

DAY NURSERY.

SCHOOL CLINICS—Two in number with two dental clinics.

MATERNITY AND NURSING HOMES—All these Institutions remain exactly the same as in the year 1930 and no comment is necessary respecting them.

ORTHOPÆDIC CLINIC.—The Isabella Greenhalgh Orthopaedic Institution has been in active work throughout the

year and on the days when the Orthopædic Surgeon visits the rooms have been exceedingly crowded with patients waiting for a consultation.

AMBULANCE FACILITIES—For Infectious Cases two Motor Ambulances are kept at the Infectious Diseases Hospital and a Horse Ambulance is kept at the Disinfecting Station. For non-infectious cases the Police have taken over the removal of all these cases to Hospital. The service within an area of 10 miles, which more than covers the area for which Boundary Park Municipal Hospital is available, is entirely free. The cost of the Ambulance is borne by the Local Authorities in proportion to their rateable value. As the result of this the Public Assistance Ambulances do not remove any cases to Boundary Park Municipal Hospital with the exception of the Borough of Middleton which does not subscribe to the Police or Public Ambulance and cases from this area have been temporarily removed by the Public Assistance Ambulance.

Sanitary Circumstances of the District.

WATER SUPPLY.

The Water Engineer (Mr. C. J. Batley) has kindly supplied the following statistics of the Service during the year.

Average daily consumption of water			
in the supply area for year	1922	5,526,203	galls.
Do. do.	1923	5,936,641	„
Do. do.	1924	6,350,203	„
Do. do.	1925	6,457,076	„
Do. do.	1926	6,568,994	„
Do. do.	1927	6,651,754	„
Do. do.	1928	7,033,203	„
Do. do.	1929	6,772,959	„
Do. do.	1930	6,595,803	„
Do. do.	1931	6,221,997	„

Daily quantity of compensation water,			
1931	...	3,079,288	„

Estimated population supplied in 1931	224,751
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Area of Gathering Ground of Works...	7,353½ acres
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Total storage capacity of all reservoirs	2,538,500,000 galls.
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Available for the domestic supply	1,829,106,000 „
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Amount of water in reservoirs at	
close of year, Dec. 31st, 1931...	2,341,741,000 „

At the close of the year the reservoirs contained about 32½ weeks' supply.

The average amount of water used per head per day of the above population is about 27.68 gallons.

WATER SUPPLY.

Very little alteration has been made in the past year in connection with the water supply. Only two complaints were received about the water during the year and these were from the sediment in the pipes near the ends of the mains. Simple flushing was all that was necessary. It will be noticed that at the end of the year the reservoirs contained about $32\frac{1}{2}$ weeks supply at the close of the year 1930.

RIVERS AND STREAMS.

There are no alterations in connection with these and no comments are necessary.

SEWAGE WORKS.

The scheme for providing larger detritus tanks, two storm water tanks and three sludge tanks was completed during the year. This work was entirely carried out by contract. The new detritus tanks require coarse screens at the entrance to these tanks owing to the amount of cotton waste which comes down in the sewage.

In addition a machine has been installed for washing the clinker from the beds which have been in use a number of years and the material from two of the sprinkler filters has been treated in this way

These two sprinkler filters which were severely damaged by the frost in February, 1929 are being repaired and as soon as they are ready to receive the clinker material the clinkers from further sprinklers will be cleansed by this machine and replaced in the filters.

Two new sprinkler filters have also been completed.

As regards the purification and treatment of sewage, very considerable difficulties have been experienced owing to the impossibility of keeping the sedimentation tanks clear of sludge in consequence of the extensions. As a result of this a large amount of deposit has gone on to the filter beds which will have to be removed. The average result has always been satisfactory giving an oxygen absorbtion test of 1.02 parts per 100,000 in the final effluent, but, owing to the above condition the suspended matter has been too high. The greatest difficulty, however, has been the disposal of the sludge. The farmers in the neighbourhood remove large quantities of it but as the farm land in the immediate vicinity is limited a decreasing quantity has been taken away. The following is the average of the Analyses during the year in parts per 100,000 :—

	Sewage	Tank Effluent	Final Effluent
Oxygen absorbed four hours	4.32	3.75	1.02
Free Ammonia	2.80	2.60	0.428
Albuminoid Ammonia ...	0.62	0.55	0.200
Chlorine	8.10	8.05	7.73
Nitrates and Nitrites ...	—	—	0.750
Suspended Matter, Mineral	—	—	1.20
Do. Volatile	—	—	2.74
Do. Total	—	—	3.94

Percentage of Purification—

	Oxygen Absorbed in 4 hrs.	Albuminoid Ammonia as Nitrogen
Sewage to Final Effluent ...	76 $\frac{1}{3}$	67 $\frac{3}{4}$
Do. Tanks to Final	72 $\frac{3}{4}$	63 $\frac{2}{3}$

173 Samples of Final Effluent were incubated, and of these 169 remained good and four were unsatisfactory.

The Average Dry Weather flow is about $4\frac{1}{2}$ million gallons per day. In storm-time the flow has exceeded 30 million gallons.

CLOSET ACCOMMODATION AND SCAVENGING.

Very little alteration has been made in the number of closets in the Borough but there has been a slow decrease in the number of pail closets and there are now 1,611 compared with 1,656 in the previous year. The water closets have increased considerably in number. This of course is mainly due to the erection of new houses, where the closets are all fresh water.

REFUSE.

No alterations from the method of dealing with this from that described in the previous report has been made. There are three Destructors in the town. The arrangements are fully described in last year's report. About 2,200 tons of ashes have been tipped, the remainder, about 25,500 have been taken to the Destructor to be dealt with. Most of the clinker is taken to the Sewage Works for filter material. No complaints have been received during the year of any nuisances arising from any of these Destructors.

The following table indicates the number of the various Sanitary Conveniences in the Borough at the close of each of the last five years :—

	1927	1928	1929	1930	1931
Number of Ashpits in the Borough	none	none	none	none	none
„ Ashcans „	34151	34585	34862	36524	36681
„ Sanitary Pans „ ...	1889	1885	1867	1656	1611
„ Water Closets „	9448	10015	10235	10563	11127
„ Waste-water Closets in the Borough	24780	24778	24638	24623	24606
„ Latrines (Clean Water) in the Borough	2953	2953	2930	2921	2906

The Superintendent of the Cleansing Department has supplied me with the following particulars of the work done in relieving blocked Closets. It will be noticed that most of this work is in connection with waste water closets.

WATER CARRIAGE DEPARTMENT.

REPORT OF WORK DONE FOR THE YEAR ENDED

DECEMBER, 1931.

	W.W.C's	W.C's	Latrines	TOTAL
No. of Blockages cleared ..	5384	1	73	5458
No. of Drains cleared	—	—	—	220
Drains found blocked, requiring excavating	—	—	—	307
Tippers found not working and re-adjusted	—	—	—	202
Tippers, Fittings, &c., found broken	—	—	—	1073
New Tippers, Fittings, &c., fixed	—	—	—	1276
Visits paid Flushing Latrines, &c.	—	—	—	10527

Sanitary Inspection of the Area.

The following is the Report of the Chief Sanitary Inspector, and in table 25 and subsequent ones are summarised the number of Visits, Inspections, Notices served and other details of the work of the Sanitary Inspectors' Department.

REPORT OF THE CHIEF INSPECTOR FOR THE YEAR, 1931.

February 5th, 1931.

TO THE MEDICAL OFFICER OF HEALTH.

SIR,

I have pleasure in presenting to you my Report of the work of your staff of Inspectors for the past year.

Contagious Diseases of Animals—We had no outbreak of Contagious Diseases during the year except the one mentioned under Dairies and Cowsheds.

Food Inspection—The visits to premises where food is prepared or deposited for sale, numbered 24,171. As a result of these visits, 20 tons of diseased or unsound food was destroyed. In no case was a seizure made, the whole being surrendered by the vendors. During the year 335 cases of Tuberculosis in Animals were reported, in addition 143 cases were found, making a total of 478 cases, of these 305 occurred in cattle and 173 in swine.

Slaughterhouses—We began the year with 33 Slaughterhouses on the register. During the year one Slaughterhouse was added to the register.

Dairies and Cowsheds—These premises have been inspected during the year. Every cow found on the premises at the time of inspection was examined, but none showing signs of Tuberculosis were found. One cow was reported by the owner as being Tubercular; on being examined it proved to be effected with Tuberculosis and was afterwards slaughtered under the provisions of the Tuberculosis Order, 1925, when it was found to be affected with Tuberculosis of the Lungs, emaciation and dropsical, and was destroyed. Compensation was paid to the farmer to the amount of 30/-, of this we are entitled to 75% from the Government, viz : £1, 2/6.

Samples of Food and Drugs—During the year 155 samples were obtained under the Food and Drugs Acts, and 48 samples were obtained informally, making a total of 203 samples, all of which were submitted to the Borough Analyst. This is a decrease of 13 samples when compared with the previous year.

Smoke Inspection—During the year 1056 observations were made. In one case the limit was exceeded and in four cases it was approached and reported to the Medical Officer of Health. In the case which exceeded the limit the Health Committee cautioned the offender.

Inspection of Nuisances—During the year 3007 notices were served for the abatement of nuisances, of these 2827 were remedied during the year. In connection with these nuisances 15180 re-visits were paid during the year.

Closet Accommodation — During the year 65 additional Closets were provided for houses, and two additional Closets for workshops. Since we began this work 2,736 additional Closets have been provided.

House Inspection—During the year 3,489 houses were inspected under the Housing Act, and 2,156 houses under the Public Health Act, a total of 5,645 houses. A notice to cleanse was served on 23 occupiers, 20 of which were complied with before the end of the year. The number of houses found defective amounted to 519 under the Housing Acts; and 748 under the Public Health Act; a total of 1,267 houses defective, of these 1,185 were repaired during the year. During the year 24 notices were served for overcrowding, all of which were complied with before the end of the year.

Houses Let-in-Lodgings—During the year 7,969 visits were paid, resulting in the serving of 16 notices to cleanse, 68 notices to repair, 15 notices for overcrowding, 13 notices for the separation of sexes, and 7 notices for failing to register, 17 notices for other defects, a total of 136 notices, of which 131 were complied with during the year. During the year 11 houses containing 52 rooms have been added to the register, and 5 houses containing 30 rooms have been lapsed.

At the end of the year we had 137 houses containing 734 rooms on the register.

Infectious Diseases—The number of visits paid amounted to 583, a decrease of 2,034 when compared with the previous year. In addition 70 visits were paid to cases of Consumption, for the purpose of arranging for disinfection.

In conclusion, I desire to express my thanks for the great assistance I have received from all the members of the staff, and to yourself for your confidence and support

I beg to remain,

Yours faithfully,

GEORGE WINTERBOTTOM,

Chief Sanitary Inspector

Premises and Occupations which can be controlled by Bye-laws and Regulations.

LODGING HOUSES.

Three classes of Houses may be included under this heading.

1. Common Lodging Houses.
2. Houses let as lodgings (weekly lodgers).
3. Furnished rooms.

1. **Common Lodging Houses**—These premises are under the control of the Police, and regularly inspected by a Special Member of the force. The following are particulars of the accommodation, which shows only a slight alteration from the previous year :

Total number of Lodging Houses	...	...	11
Total Nightly Accommodation...	...	...	818
Total Accommodation reserved for Females	...		82
No. of Lodging Houses receiving Women only.			2

2. **Houses Let-in-Lodgings**—These remain much the same as in the previous year.

3. **Furnished Rooms**—There is an increase in the number of furnished rooms in the Borough. The number of such rooms on the Register in December, 1930 was 712 compared with 734 in December, 1931. All these are visited at least once per month by the Inspectors and during the year 7,969 visits were paid.

Owing to special local powers these rooms must be registered before being occupied and can be removed from the Register if not kept in a satisfactory condition. During the year 136 notices were served for remedying defects and 131 were complied with. In consequence of these powers as far as cleanly conditions and lack of overcrowding is concerned, their condition has been fairly satisfactory but they are most undesirable premises. Latterly, several houses have been rented and let in furnished rooms in good class districts with the result that the adjoining property has suffered considerable deterioration in some cases by pure association and in others by rowdy occupants. Neither of these matters can be dealt with by the Health Authority. The rents charged for these rooms average from 8s. 0d. to 14s. 0d. per week, the average being 10 or 12 shillings per week. As in many of these houses the rent of one room pays the rent and rates of the house the business is a very profitable one.

OFFENSIVE TRADES.

The following is a list of these trades in the Borough. All of them are regularly inspected. They are mostly small businesses. The number is one more than in the previous year.

OFFENSIVE TRADES.					1930.	1931.
Tripe Boilers	...	..	...	...	7	8
Marine Stores	...	...	...	...	10	9
Grease Works	...	...	...	...	2	2
Gut Scrapers	...	...	...	...	2	3
Hide and Skin Depots	...	...	...	...	2	2
Chemical Works	...	...	...	...	1	1
					<hr/>	<hr/>
					24	25

SMOKE ABATEMENT.

Owing to the lack of trade in the Borough many of the mills have been stopped and smoke observations have, of course, been unnecessary, and the number of observations taken have been fewer in number. In only one case was the limit allowed by the Corporation exceeded. The offender received a caution from the Health Committee.

The measures for the establishment of a Regional Smoke Abatement Committee is at present owing to the state of trade in abeyance. As frequently stated I am of opinion that no great improvement as regards Oldham can be obtained until such an authority has been formed.

FACTORIES AND WORKSHOPS.

The Factories are visited where necessary for the remedying of nuisances. The Workshops are regularly visited. In all 391 visits were paid and 25 notices for the remedying of defects were issued and 20 were complied with by the end of the year.

The following is a list of Workshops on the Register at the close of the year.

The number has decreased from 395 to 374 during the year.

The following is a list of the Workshops registered :—

Blacksmiths	7	Joiners	6
Blind Manufacturers... ..	1	Laundries	9
Bottlers (Beer)	3	Machine Brokers	2
Brass Founders.....	1	Mantle Makers	6
Brush Makers	1	Marine Stores	9
Cabinet Makers	3	Milliners	29
Carriage Builders	1	Mineral Water Manufacturers	2
Cartsheet Manufacturers	2	Pattern Makers ..	1
Cloggers	50	Picture Framers	1
Coffin Makers	3	Plumbers	9
Coopers	1	Printers	3
Cotton Waste Dealers	26	Roller Coverers	3
Curriers	3	Rope Makers	1
Cycle Makers and Motor Engineers	13	Saddlers	4
Dentists ..	4	Scale Makers.....	3
Drapers (Underwear and Skirts)	1	Shoe Makers	54
Dress Makers	21	Skip Makers ..	5
Dyers	1	Tailors.....	24
Electricians	5	Tile Fitters	2
Electro-Platers	1	Tinsmiths ...	13
Firewood Manufacturers	2	Umbrella Manufacturers	1
French Polishers	1	Upholsterers	5
Heating Apparatus Manufac- turers	1	Watch Makers	4
Hosiery & Stocking Knitters	2	Wire Workers	1
Ice Cream Manufacturers ...	5	Wheelwrights.....	4
Iron Founders	2	Wringing Machine Manufac- turers	1
		Sundry Trades	10

CARAVANS.

The number of these in the Borough has been considerably reduced and an effort is being made to clear them all out of the Borough except those which are occupied temporary by showmen, &c.

SCHOOLS.

The arrangements are the same as in the previous year and a separate report has been issued.

With the exception of the Medical Officer of Health who is also Superintendent School Medical Officer the Medical and Nursing Staffs of the Health and School Medical Service are distinct.

HOUSING.

HOUSING CONDITIONS. — There is still a considerable demand for houses from the inhabitants in the Borough and a large number of applicants are on the Register of the Housing Department for new houses. As there has been a considerable decrease in the population and also a number of new houses built it is probable, if investigations were made, that a large number of these persons already occupy houses and have made application in order that they may obtain a better one. The greatest difficulty is in obtaining accommodation for persons where there are four or five children in the family. Neither the Corporation or the landlords are very anxious to let their houses to these persons. Frequently in addition to having large families they are not in a position to pay the rent of a modern house, although they are practically paying as much by living in furnished rooms as they would have to pay for the rent of a self-contained house.

Several small housing schemes are in hand dealing with about 120 houses which are insanitary and which it is expected will be demolished.

The following Statistics give particulars of the work in connection with Housing during the year :—

Statistics for the year, 1931.

Number of new houses erected during the year 1931 :—

(a) Total

(i) By the Local Authority	...	..	..	...	Nil
(ii) By other Local Authorities...	...	...	...	...	Nil
(iii) By other bodies or person	...	...	...	...	70

(b) With State assistance under the Housing Acts:

(i) By the Local Authority	..	..	...	...	Nil
(a) For the purpose of Part II of Act 1925	.				Nil
(b) For the purpose of Part III of Act 1925...					Nil
(c) For other purposes	...	...	...	...	Nil
(ii) By other persons	...	...	...	...	Nil

1—Unfit Dwelling Houses.

INSPECTION :—

(1) (a) Total number of dwelling houses in- spected for housing defects (under Public Health or Housing Acts),	...	5645
(b) Number of Inspections made for the purpose	... ..	15180
(2) (a) Number of dwelling houses (included under sub-head (1 above) which were inspected and recorded under the Housing Consolidated Regulations 1925	... ..	3489

(b) Number of Inspections made for the purpose 9108

(3) Number of dwelling houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation ... 1

(4) Number of dwelling houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation ... 1267

2—Remedy of defects during the year without service of formal Notices.

Number of defective dwelling houses rendered fit in consequence of informal action by the Local Authority or their Officers ... 534

3—Action under Statutory Powers during the year.

(a) PROCEEDINGS UNDER SECTIONS 17, 18 and 23 OF THE HOUSING ACT, 1930 :

(1) Number of dwelling houses in respect of which notices were served requiring repairs 222

(2) Number of dwelling houses which were rendered fit after service of formal notices :

(a) By owners 215

(b) By Local Authority in default of owners 1

(b) PROCEEDINGS UNDER PUBLIC HEALTH ACTS.

(1) Number of dwelling houses in respect of which notices were served requiring defects to be remedied 343

(2) Number of dwelling houses in which defects were remedied after service of formal notices :

(a) By owners 337

(b) by Local Authority in default of owners 1

(c) PROCEEDINGS UNDER SECTIONS 19 AND 21 (21) OF THE HOUSING ACT, 1930 :

(1) Number of dwelling houses in respect of which Demolition Orders were made ... Nil

(2) Number of dwelling houses demolished in pursuance of Demolition Orders Nil

(d) PROCEEDINGS UNDER SECTION 20 OF THE HOUSING ACT, 1930 :

(1) Number of separate tenements or underground rooms in respect of which Closing Orders were made Nil

(2) Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit... ... Nil

(e) PROCEEDINGS UNDER SECTION 3 OF THE HOUSING ACT, 1925 :

(1) Number of dwelling houses in respect of which notices were served requiring repairs Nil

(2) Number of dwelling houses which were rendered fit after service of formal notices :

(a) By owners Nil

(b) By local authority in default of owners Nil

(3) Number of dwelling houses in respect of which Closing Orders became operative in pursuance of declarations by owners of intention to close	1
--	---

(f) PROCEEDINGS UNDER SECTIONS 11, 14,
AND 15 OF THE HOUSING ACT, 1925 :

(1) Number of dwelling houses in respect of which Closing Orders were made	Nil
--	-----

(2) Number of dwelling houses in respect of which Closing Orders were determined, the dwelling houses having been rendered fit	Nil
--	-----

(3) Number of dwelling houses in which Demolition Orders were made	4
--	---

(4) Number of dwelling houses demolished in pursuance of Demolition Orders	6
--	---

The following houses were voluntarily closed :—

HOUSES VOLUNTARILY CLOSED.

Total Number Closed.	NATURE OF HOUSE.			REASON FOR CLOSING.
	Through	Single.	Back to Back	
1	1	—	—	Unfit for Habitation
6	3	3	—	Building of New Public House
2	2	—	—	Building of Garage
1	1	—	—	Street Improvement
3	—	3	—	Improvement to Public House
1	1	—	—	Added to Public House

HOUSES CLOSED BY LOCAL AUTHORITY.

No. R'port'd	No. of Houses Closed		No. Ad- journd	Plans to be Sub mitted	No. De- mol'shed	Houses Demolished	
	By L.A.	By Owner				By Owner	By L.A.
4	4	—	—	—	6	—	6

CLASS OF HOUSES CLOSED.

No. Closed	Through	Single	Under Dwellings
4	4	—	—

The following table gives a summary of the houses inspected, and the conditions found during the past 10 years, with a summary for that period:—

NUMBER OF HOUSES INSPECTED (HOUSE TO HOUSE).

	1922	1923	1924	1925	1926	1927	1928	1929	1930	1931	Total
No. of Houses..	4926	4210	5207	4984	3519	6214	5869	2600	5855	5645	49029
Overcrowded ...	12	2	2	16	11	21	46	33	58	9	210
Structurally Defective ...	854	365	1977	2226	2023	2456	1773	1042	1422	1267	15405
Dirty Houses	110	81	104	79	43	76	86	53	66	23	721
Defective Roofs	435	400	759	586	440	662	819	544	826	803	6274
Percentage of Defective H'ses	17.3	7.4	37.9	44.6	55.3	39.52	30.2	40.07	24.2	22.4	31.4
Percentage of Dirty Houses	2.23	1.92	2.7	1.58	1.22	1.06	1.46	2.3	1.12	.407	1.46
No. of Notices.. Served.....	1471	857	1298	1107	817	1358	1508	1016	1982	1539	12953

Inspection and Supervision of Food.

(A). **Milk Supply**—There are very few dairy farms within the Borough, the number 34, is the same as in the previous year. They are all visited regularly.

The number of Cowsheds at these farms is 77. an increase of two.

(B). **Meat Supply**—There are 33 Slaughter Houses on the Register. 8375 visits have been paid to them for the Inspection of Meat, &c. Only two defects requiring formal notice were found, both of which were complied with.

As regards the milk supply, according to the Analyst's report the great majority of the samples were of a high quality. There are three large distributing firms which supply large quantities of bottled milk in the town only one of which have their principal premises in the Borough.

There is no public Abattoir in the town, but the Meat Supplies are kept under very close supervision and the Butchers generally co-operate with the Inspector.

SALE OF FOOD AND DRUGS ACT.

The number of samples of different kinds of food purchased under the Food and Drugs Act is tabulated below.

NUMBER OF SAMPLES PURCHASED FOR ANALYSIS UNDER THE FOOD AND DRUGS ACT.

Informal Samples	Formal Samples	Description of Sample	Genuine	Not Genuine	Summoned before Magistrates	Cautioned by Committee
1	1	Rice	2	—	—	—
6	—	Coffee	6	—	—	—
6	136	Milk	137	5	1 fined £5	4
—	3	Raspberry Jam	2	1	—	1
—	2	Rasin Wine	2	—	—	—
—	1	Fine Tapioca... ..	1	—	—	—
—	1	Lancashire Cheese ...	1	—	—	—
4	—	Epsom Salts... ..	4	—	—	—
—	3	Condensed Milk	3	—	—	—
11	—	Sausage	11	—	—	—
8	4	Scotch Whisky	9	3	—	3
4	3	Rum	5	2	—	2
2	1	Brandy	3	—	—	—
6	—	Boiled Sweets	6	—	—	—
48	155		192	11	1	10

As regards the samples which were not found to be genuine the following are particulars :—

One sample of Rum 5·6 under standard.

Three samples of Whisky containing 6·0, 11·3 and 8·8 excess water respectively.

One sample of Brandy 34·1° under the standard.

The vendors were interviewed by the Health Committee and as a result of fairly satisfactory explanations no proceedings were taken.

One sample of Raspberry Jam was found to contain 20 parts of a million in excess of the permissible maximum of sulphur dioxide.

The sample was sold to the vendors under guarantee and the vendors returned the consignment to the whole-sale firm. No proceedings were taken.

One sample of milk contained an excess of water to the extent of 5·2 below the standard. Proceedings were taken in the Police Court and the vendor was fined £5.

In the other samples of milk there was a deficiency of milk fat, in all the cases most certainly due to the milk not being thoroughly mixed in the churn as it was delivered to the consumer.

In addition to the above one sample of tinned cream was purchased which it was reported contained the normal characteristics of genuine cream but it only contained 23·74 per cent. of butter fat whereas it was stated on the label to contain 25 per cent.

The vendors had purchased the same under guarantee from the makers and it was decided not to take any proceedings.

Maternity and Child Welfare.

1. MIDWIVES—

A list of practising Midwives in the town is given on a previous page..

They are visited and their bags, appliances and books inspected by the Superintendent Nurse at the Infant Welfare Centre, who paid 250 visits to them during the year, an average of about six visits each.

2. HEALTH VISITORS.—The arrangements have not been altered from those in the previous year except one change previously referred to in the *personnel* of the staff.

3. WELFARE CENTRES.—There are six Branch Centres in town, each under the control of the Health Visitor for the District. Statistics of attendances are given below.

There is also one Centre adjoining the Town Hall, which is open all day. At this Centre besides the usual Welfare routine there is the Ante-natal Centre and the Distribution of Free Milk, &c.

The following figures give statistics of the work at this Centre.

CENTRAL INFANT WELFARE CENTRE.

	1930	1931	Attended for first time
Number on the Books... ..	630	603	...
Total Number of Attendances	9450	8065	Under 1 year 329
" " " " " "	...	...	1-5 years 77
Number of Meetings	170	160	..
Average Number at each Meeting... ..	55	50	...
Average Attendance per Mother	15	13	...

INFANT CLINIC.

This is held at the above Centre and the following table gives particulars of those attending. No actual Medical Treatment is given, cases requiring this are referred to their own Doctor or a Hospital.

	1930	1931
Total number of Visits to Clinic	1505	1521

SUMMARY OF CASES WHICH ATTENDED AT THE CLINIC.

Disease	No. of Cases	Visits to Clinic	Cured	Under Treatment	Improved	Referred to Hospitals & Orthopaedic Institute Treatment
Septic Umbilicus ...	29	73	23	4	2	—
Deformities & Rickets	55	187	11	24	20	32
Hernia	22	92	13	5	4	7
Circumcision	25	72	13	9	3	20
Sore Eyes	20	60	10	6	4	12
Marasmus	85	405	30	27	28	18
Skin Eruptions ...	53	172	31	11	11	4
Ear, Throat & Nose	50	153	20	17	13	33
Sundries... ..	110	301	81	19	10	7
Total ...	449	1515	232	122	95	133

Ninety cases were referred to Oldham Hospitals, six to Manchester Hospitals and thirty-seven to the Orthopaedic Institute for treatment.

ANTE-NATAL CASES.

The following are statistics of the Ante-natal Centre. The Assistant Medical Officer has usually two sessions per week and the consulting Obstetrician attends to see special cases on the first Tuesday in the month.

A few Medical Practitioners have taken advantage of the opportunity of having a consultant.

Efforts have been made in various ways to get the Midwives to make use of this Centre.

The number of women attending and the number of attendances have increased considerably as will be seen from the following figures.

	1930	1931
No. of Cases...	331	407
Doctor's Consultations...	766	864
Dr. Bailey's Consultations	19	126
Total No. of Attendances	1193	1473
Average Attendance per Case	4	4
Normal Confinements	212	269
Instrumental Confinements	33	48
Doctor in Attendance at Confinement	36	69
Referred to Oldham Hospitals	59	97
Born in	41	84
Referred to Manchester Hospitals	21	7
Born in	13	5
Referred to Greenacres Maternity Home	115	154
Born in	135	133
Stillbirths	3	14
Miscarriage	3	3
Cases still attending	74	75
„ left the district	5	5
„ not pregnant	5	7
Visits paid to Midwives	241	250
Medical Help Forms	349	362

BRANCH CENTRES...

The following Table gives an indication of the attendance of the Mothers and Infants at the various Ward Centres :—

	Hollin-wood Centre	York Street	Overens Street	Lord Street	Copster Hill	Ripp'nd'n Road	Total
No. on Books ...	311	263	312	409	200	226	1721
Attendances—							
Mother & Child	3740	5498	5005	4363	3424	2666	24696
Av. Attendance	80	115	106	95	73	57	526
Av. Attendance per Mother ...	12	21	16	11	17	12	89
No. of Meetings	47	48	47	46	46	47	281

Anti-natal Cases are all dealt with at the Town Hall Centre.

Early in the year two of the Centres changed into new premises where the accommodation is much better than in the old Centres. With one exception they are all now fairly well housed.

The visits made by the Health Visitors during the year were as follows :—

	1930	1931
First Visits to Infants under 1 year ...	2167	1832
Total Visits to Infants under 1 year ...	7528	7130
Total Visits to Children 1 to 5 years ...	14276	12455
First Visits to Expectant Mothers	303	312
Total Visits to Expectant Mothers ...	465	447
Opthalmia Cases Visited	21	11
Puerperal Fever and Pyrexia Visited ...	22	28
Visits to Measles	1070	885
„ Mumps	465	735
„ Whooping Cough	288	407
„ Poliomyelitis	—	1
„ Chicken Pox	459	797
„ Infant Deaths	121	191
„ Sundry Enquiries	849	687
Total Visits to Infectious Cases	2325	2864

INFANTILE MORTALITY.

The following figures give the principal statistics relating to Infant Mortality. The corrected death rate for infants under one year, per 1,000 births, was 105. This number is higher than the average during the five years which was 93 per 1,000 and much higher than the rate in 1930 when it was 70·4, the lowest on record. The following figures divide legitimate and illegitimate births.

	Legitimate	Illegitimate	Total
Births	1805	123	1928
Deaths (under 1 year) ...	178	25	203
Death rate per 1,000 births	98	203	105
Still-births	90	14	104

The Principal causes of Infant Deaths during the past five years were as follows:—

	1927	1928	1929	1930	1931
Infectious Diseases	7	6	29	39	5
Premature Births	46	61	40	38	51
Atrophy, Debility & Marasmus	19	30	37	17	30
Diarrhoea & Digestive Diseases	14	17	12	11	9
Tubercular Diseases	2	0	1	5	1
Respiratory Diseases	27	32	64	42	66
Convulsions	12	11	8	13	6
Syphilis	4	4	3	5	1
Other Causes	49	20	27	35	34
Total	180	181	221	205	203

Although Measles has been prevalent especially among School Children, there were only two deaths from this disease in children under one year.

There was also one death from Scarlet Fever, Whooping Cough and Cerebro Spinal Meningitis respectively. Deaths from Respiratory Diseases show a considerable increase.

The Infantile Mortality rate in the various Wards in actual Residents was as follows :—

WARDS	No. of Births	Birth Rate	No. of Deaths under 1 yr.	Rate per 1000 births
Clarksfield	382	23·8	18	47
Hollinwood	111	9·1	20	180
St. Paul's	130	7·9	19	146
Werneth	109	9·9	9	82
St. Peter's	77	7·7	11	142
St. Mary's	120	12·1	13	108
Westwood	514	37·5	14	27
Waterhead	192	13·5	29	156
Mumps	110	14·0	19	172
St. James's.....	91	8·9	6	66
Hartford	121	10·3	21	173
Coldhurst	67	8·8	12	179
Transferred Births and Deaths	—96		+*12	
Borough	1928	13·5	203	105

MATERNAL DEATHS. — There were 12 deaths attributed to childbirth. Three of them were due to Sepsis and nine to other conditions. *Three of these deaths were certified as due to Abortion, and Sepsis was probably the principal cause. This gives a total rate of 6·2 per 1,000 births compared with 5·2 in the previous year.

NOTIFICATION OF BIRTHS.—Out of the total number of Births 1,554 were notified by Midwives and 563 by Parents and Doctors. The Stillbirths notified numbered 126, of which 14 were illegitimate. Nine did not belong to the Town.

FREE MILK.—The applications for free milk have enormously increased during the year, due to the great amount of unemployment and short time.

Virol, Cod Liver Oil, &c., are also supplied when ordered by the Doctor of the Welfare Centre and when the income of the family is under the scale fixed by the Health Committee.

The cost of Dried Milk and those Articles supplied free during the year was £1235 9s. 6d.

The cost of the Milk supplied by Farmers and Dairymen during the year was £604 16s. 10d.

MEDICAL AID was sought by Midwives in 362 cases compared with 349 in the previous year, and in the financial year 174 claims were made by the Doctors summoned, for fees amounting to £266 9s. 6d.

The repayments during the financial year amounted to £82 9s. 6d., compared with £98 15s. 6d., in the previous year. The great amount of unemployment is influencing the repayments considerably.

OPHTHALMIA NEONATORUM. — Only 11 cases were notified during the year. All except those removed into Hospital are kept under observation by the Health Visitor. The following gives the termination of the cases.

Attended at confinement by Midwives	...	11
„ „ Doctors	... ..	2
Vision Unimpaired	... ..	9
Vision Impaired Slightly	... ..	—
Vision Impaired Severely	... ..	—
Blind	... ..	—
Died from other causes...	... ..	1
Still under Treatment	... ..	—
Treated at Hospital	... ..	5
Treated by Private Practitioners	... ..	6
Not Ophthalmia	... ..	1

Each certified Midwife is supplied with Argentum Collosol for application to the eyes of the newly born.

LECTURES.—During the winter the usual course of Lectures was given to the Midwives in the town, and the Nursing Staff.

These were attended not only by our own Staff but by some Midwives from outside Districts.

LECTURE I. November 13th. "Injuries to the Newly-born Child,"

DR. JAMES B. WILKINSON, M.D., C.M., D.P.H.
Medical Officer of Health.

LECTURE II. November 27th. "Ante-Natal Care,"

DR. K. V. BAILEY, M.C., M.D., Ch.B.,
Lecturer, Obstetrics and Gynaecology, University of Manchester.

LECTURE III. December 11th. "Functional Nervous Disorders
in Childhood "

DR. SIMON KELLY, M.B., Ch.B., D.P.H., M.R.C.P., London.
Hon. Physician Victoria Memorial Jewish Hospital, Manchester.

LECTURE IV. January 15th. "Uterine Inertia "

DR. LEITCH, M.B., Ch.B.
Assistant Medical Officer of Health.

LECTURE V. January 29th. "The Midwife as a Unit of the
Public Health Service."

DR. ANDERSON, M.D., Ch.B., D.P.H.,
Deputy Medical Officer of Health.

LECTURE VI. February 12th. "Catarrhal Conditions in Infancy."

DR. KING MAY ATKINSON, M.B., Ch.B.,
Late Assistant Medical Officer, Manchester Royal Infirmary.

Public Health (Prevention of Tuberculosis)

Regulations.

No alteration in the scheme or method of working was instituted during the year. The scheme was fully detailed in the report for 1930.

The Hospitals available for Cases are :—

1. Strinesdale Sanatorium. 42 Beds—Pulmonary.
2. Westhulme Hospital. 30 „ „
3. Boundary Park Municipal Hospital. 16 Beds—
Pulmonary and Non Pulmonary..
4. Shropshire Orthopædic Hospital. Non-pulmonary,
by arrangement.
5. Occasionally special cases are sent to other Sanatoriums in the Country.
6. Gland and Skin Cases are treated at the
Orthopædic Centre by Artificial Light.

The use of the X-Ray apparatus at the Isabella Greenhalgh Institute has considerably increased both for Tubercular Cases and for Orthopædic Cases and has been of very good value.

CO-OPERATION OF MEDICAL PRACTITIONERS.

General co-operation exists between the Tuberculosis Officer and the local Practitioners. The cases sent to the Dispensary for Diagnosis and the requests for the Clinical Officer's advice in consultation have increased. The other arrangements are the same as enumerated in last year's Report.

The following Tables in the forms prescribed by the Ministry of Health give full details of the work carried out during the year as regards Tuberculosis.

Summary of the Notifications received during the period from the 28th December, 1930, to the 2nd January, 1932, in the area of the County Borough of Oldham.

Part I.

FORMAL NOTIFICATIONS.												
Number of Primary Notifications of New Cases of Tuberculosis.												
Age-periods		0 to 1	1 to 5	5 to 10	10 to 15	15 to 20	20 to 25	25 to 35	35 to 45	45 to 55	55 to 65	Total (All Ages)
		1 to 5	5 to 10	10 to 15	15 to 20	20 to 25	25 to 35	35 to 45	45 to 55	55 to 65	65 and upwards	Total Notifications
Pulmonary Males	92
Females	64
Non-pulmonary Males	31
Females	43

SUPPLEMENTAL RETURN.

New cases of Tuberculosis coming to the knowledge of the Medical Officer of Health during the above-mentioned period, otherwise than by formal notification.

Part II.

Part II.												
Age-Periods	0 to 1	1 to 5	5 to 10	10 to 15	15 to 20	20 to 25	25 to 35	35 to 45	45 to 55	55 to 65	65 and upwards	Total
Pulmonary Males	1	1	2	4	2	...	10
Females	1	...	1	2	5	2	1	...	...	12
Non-Pulmonary Males	1	2	2	1	...	1	...	...	1	...	7
Females	2	...	...	...	1	...	...	...	...	4

The Source or Sources from which information as to the above-mentioned cases was obtained is stated below.

SOURCE OF INFORMATION.		No. of CASES.	
		Pulmonary	Non-Pulmonary
Death Returns (from local Registrars)
transferable deaths from Registrar General
Posthumous Notifications
Transfers from other areas (other than transferable deaths)
Other sources if any (Specify). Attended Dispensary 1931. Notified 1932

TABLE I.

Return showing the work of the Dispensary during the year 1931.

DIAGNOSIS.	PULMONARY.						NON-PULMONARY.						TOTAL.						Grand Total
	Adults			Children			Adults			Children			Adults			Children			
	M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		
A.—NEW CASES examined during the year (excluding contacts) :—																			
(a) Definitely tuberculous	80	47		3	3		21	24		12	11		101	71		15	14		201
(b) Diagnosis not completed	—	—		—	—		—	—		—	—		—	1		—	1		2
(c) Non-tuberculous	—	—		—	—		—	—		—	—		54	52		55	76		237
B.—CONTACTS examined during the year :—																			
(a) Definitely tuberculous	3	6		—	1		—	2		—	—		3	8		—	1		12
(b) Diagnosis not completed	—	—		—	—		—	—		—	—		—	—		—	—		—
(c) Non-tuberculous	—	—		—	—		—	—		—	—		6	13		7	19		45
C.—CASES written off the Dispensary Register as—																			
(a) Recovered	7	8		1	2		15	7		10	6		22	15		11	8		56
(b) Non-tuberculous (including any such cases previously Diagnosed and entered on the Dispensary Register as tuberculous) ...	—	—		—	—		—	—		—	—		61	67		67	96		291
D.—NUMBER OF CASES on Dispensary Register on December 31st :—																			
(a) Definitely tuberculous	329	160		33	27		88	100		47	52		417	260		80	79		836
(b) Diagnosis not completed	—	—		—	—		—	—		—	—		—	1		—	1		2

Table 1—continued.

1. Number of cases on Dispensary Register on January 1st	822	8. Number of visits by Tuberculosis Officers to Homes (including personal consultations)	140
2. Number of cases transferred from other areas and cases returned after discharge under Head 3 in previous yrs.	12	9. Number of visits by Nurses or Health Visitors to Homes for Dispensary purposes	974
3. Number of cases transferred to other areas, cases not desiring further assistance under the scheme, and cases "lost sight of"	24	10. Number of— (a) Specimens of sputum, etc., examined (b) X-ray examinations made in connection with Dispensary work ...	Also 150 additional Specimens from D's 647 219
4. Cases written off during the year as Dead (all causes)	122	11. Number of "Recovered" cases restored to Dispensary Register, and included in A (a) A (b) above	Nil
5. Number of attendances at the Dispensary (including Contacts)	2095	12. Number of "T.B. plus" cases on Dispensary Register on December 31st	170
6. Number of Insured persons under Domiciliary Treatment on 31st Dec.	245		
7. Number of consultations with medical practitioners:— (a) Personal (b) Others	21 799		

TABLE III.

Return showing the immediate results of treatment of definitely Tuberculous Patients discharged during the Year from Institutions approved for the treatment of Tuberculosis.

Classification on admission to the Institution.	Condition at time of discharge.	Duration of Residential Treatment in the Institution.											
		Under 3 months.			3-6 months.			6-12 months.			More than 12 months.		
		M.	F.	Ch.	M.	F.	Ch.	M.	F.	Ch.	M.	F.	Ch.
Class T.B. minus.	Quiescent Not quiescent Died in Institution ...	...	1	...	1	1	...	...	...	...	...	1	...
		14	5	...	14	9	...	...	3	...	...	40	...
		9	5	...	1	...	...	1	...	...	...	11	...
													3
													62
													17
Class T.B. plus Group 1.	Quiescent Not quiescent Died in Institution ...	...	...	...	...	...	...	...	...	...	...	...	...
		3	1	...	...	2	...	...	1	...	...	13	...
		...	1	...	...	...	...	...	...	...	...	...	...
													...
													20
													1
Class T.B. plus Group 2.	Quiescent Not quiescent Died in Institution ...	...	...	...	...	...	...	...	...	...	...	...	...
		3	4	...	...	4	...	...	...	...	...	...	...
		5	4	...	...	...	...	...	5	...	...	20	...
									2	...	...	7	...
													...
													35
													12
Class T.B. plus Group 3.	Quiescent Not quiescent Died in Institution ...	...	...	...	...	...	...	...	...	...	...	...	...
		3	5	...	...	2	...	...	1	...	...	...	...
		5	5	...	...	...	...	...	...	...	...	12	...
									1	...	...	8	...
													...
													21
													13

PULMONARY TUBERCULOSIS.

TABLE IV.—(a) PULMONARY

Supplementary Annual Return showing in summary form (a) the Dispensary Register; and (b) the reasons for the removal of all to the years in which the patients were first entered on the and their classification at that time.

Condition at the time of the last record made during the year to which the Return relates.		Previous to 1926.					1926.				
		Class T.B. plus.				Class T.B. minus	Class T.B. plus.				Total (Class T.B. plus)
		Class T.B. minus	Group 1.	Group 2.	Group 3.		Class T.B. minus	Group 1.	Group 2.	Group 3.	
(a) Remaining on Dispensary Register on 31st December.	Disease arrested:										
	Adults M.	36	5	...	...	5	4	...	...	...	...
	F.	13	1	...	...	1	...	...	...	...	...
	Children	7	1	...	...	1	3	...	...	...	...
	Disease not arrested:										
	Adults M.	58	19	5	1	25	17	1	3	1	5
	F.	18	5	6	1	12	6	...	1	...	1
	Children	16	2	...	...	2	15	...	...	...	...
	Condition not ascertained during the year	12	1	...	...	1	1	...	...	...	...
	Total on Dispensary Register at 31st Dec.	160	34	11	2	47	46	1	4	1	6
(b) Not now on Dispensary Register and reasons for removal therefrom.	Discharged as recovered										
	Adults M.	36	1	...	...	1	...	...	...	...	...
	F.	31	2	...	...	2	...	...	...	...	...
	Children	13	...	...	...	...	...	...	...	...	...
	Lost sight of, or otherwise removed from Dispensary Register	394	25	10	2	37	25	2	1	...	3
	DEAD										
	Adults M.	569	17	21	63	101	25	12	14	7	33
	F.	311	4	12	52	68	15	4	8	5	17
	Children	81	...	3	3	6	4	1	1	1	3
	Total written off Dispensary Register	1435	49	46	120	215	71	19	24	13	56
Grand Totals ...		1595	83	57	122	262	117	20	28	14	62

TUBERCULOSIS.

condition at the end of 1931 of all patients remaining on the cases written off the Register. The Table is arranged according Dispensary Register as definite cases of pulmonary tuberculosis,

1927					1928					1929				
Class T.B. plus.				Class T.B. minus	Class T.B. plus.				Class T.B. minus	Class T.B. plus.				Total (Class T.B. plus.)
Group 1.	Group 2.	Group 3.	Total (Class T.B. plus.)		Group 1.	Group 2.	Group 3.	Total (Class T.B. plus.)		Group 1.	Group 2.	Group 3.	Total (Class T.B. plus.)	
...	...	...	...	2	...	...	...	...	...	...	...	...	...	...
1	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...
14	2	3	5	12	1	3	...	4	15	3	11	3	17	...
4	...	1	1	8	1	3	...	4	5	...	1	2	3	...
9	1	...	1	9	...	1	...	1	3	...	...	...	...	...
2	...	...	...	1	...	1	...	1	1	...	...	...	...	...
30	3	4	7	32	2	8	...	10	24	3	12	5	20	...
...
...
...
25	4	2	8	31	...	2	3	5	5	...	2	...	2	...
22	2	14	23	18	4	11	7	22	13	5	13	16	34	...
11	4	9	19	13	1	6	6	13	5	1	6	12	19	...
3	...	1	2	2	...	...	...	...	2	...	...	2	2	...
61	10	26	52	64	5	19	16	40	25	6	21	30	57	...
91	13	30	59	96	7	27	16	50	49	9	33	35	77	...



TABLE IV.—PULMONARY TUBERCULOSIS—continued.

Condition at the time of the last record made during the year to which the Return relates.		1930					1931				
		Class T.B. minus	Class T.B. plus				Class T.B. minus	Class T.B. plus			
			Group 1.	Group 2.	Group 3.	Total (Class T.B. plus)		Group 1.	Group 2.	Group 3.	Total (Class T.B. plus)
(a) Remaining on Dispensary Register on 31st December	Disease arrested :										
	Adults M.	...	...	...	...	...	...	...	...	...	...
	F.	...	...	...	...	...	...	...	...	...	...
	Children	...	...	...	...	...	...	...	...	...	...
	Disease not arrested :										
	Adults M.	17	1	5	5	11	21	4	18	12	34
	F.	14	1	6	3	10	13	5	14	4	23
	Children	13	...	...	1	1	6	1	...	...	1
	Condition not ascertained during the year	3	...	...	...	...	...	...	...	...	...
	Total on Dispensary Register at 31st Dec.	47	2	11	9	22	40	10	32	16	58
(b) Not now on Dispensary Register and reasons for removal therefrom.	Discharged as recovered										
	Adults M.	...	...	...	...	...	...	...	...	...	...
	F.	...	...	...	...	...	...	...	...	...	...
	Children	...	...	...	...	...	...	...	...	...	...
	Lost sight of or otherwise removed from Dispensary Register	7	...	...	...	...	...	...	1	...	1
	DEAD										
	Adults M.	10	...	4	15	19	12	...	3	14	17
F.	5	1	2	11	14	7	...	5	5	10	
Children	1	...	...	...	...	...	...	...	...	...
Total written off Dispensary Register	23	1	6	26	33	19	...	9	19	28	
Grand Totals		70	3	17	35	55	59	10	41	35	86

TABLE IV — (b) NON-PULMONARY

Supplementary Annual Return showing in summary form (a) the Dispensary Register; and (b) the reasons for the removal of all

Condition at the time of the last record made during the year to which the Return relates.		Previous to 1926.					1926.				
		Bones & Joints	Abdominal	Other Org'ns	Peri-pheral Gl'nds	Total	Bones & Joints	Abdominal	Other Org'ns	Peri-pheral Gl'nds	Total
(a) Remaining on Dispensary Register at 31st December	Disease arrested:										
	Adults M.	1	...	...	...	1	...	...	...	...	...
	F.	...	...	...	2	2	...	...	...	1	1
	Children	2	1	...	3	6	...	...	...	2	2
	Disease not arrested:										
	Adults M.	4	...	2	2	8	2	...	3	...	5
	F.	5	2	1	3	11	3	1	...	...	4
	Children	13	10	4	7	34	...	2	1	1	4
	Condition not ascertained during the year	4	...	...	3	7	3	1	1	...	5
	Total on Dispensary Register at 31st Dec.	29	13	7	20	69	8	4	5	4	21
Transferred to Pulmonary		1	1	2	1	5	...	1	...	2	3
(b) Not now on Dispensary Register and reasons for removal therefrom.	Discharged as recovered										
	Adults M.	14	6	2	14	36	...	...	2	...	2
	F.	8	1	2	13	24	...	...	...	...	...
	Children	25	22	3	55	105	2	3	2	2	9
	Lost sight of or otherwise removed from Dispensary Register	138	46	46	135	365	3	4	3	3	13
	Adults M.	29	7	1	6	43	1	...	1	1	3
	F.	9	3	3	3	18	1	1	...	...	2
	Children	9	22	3	4	38	...	2	2	...	4
	Total written off Dispensary Register	232	107	60	230	629	7	10	10	6	33
	GRAND TOTALS of (a) & (b) excluding those transferred to Pulmonary	261	120	67	250	698	15	14	15	10	54

TUBERCULOSIS.

condition at the end of 1931 of all patients remaining on the cases written off the Register.

1927						1928					1929				
Bones & Joints	Abdominal	Other Org'ns	Peri-pheral Gl'nds	Total		Bones & Joints	Abdominal	Other Org'ns	Peri-pheral Gl'nds	Total	Bones & Joints	Abdominal	Other Org'ns	Peri-pheral Gl'nds	Total
...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1
...	1	...	...	1	1	...	...	...	...	1	...	...	...	...	...
...	...	...	...	...	...	2	...	2	...	4	2	1	...	1	4
1	...	...	4	5	1	1	...	1	3	5	3	...	1	5	9
5	3	1	6	15	6	5	3	4	18	4	1	...	...	7	12
1	1	...	1	3	1	1	...	3	5	...	1	1	...	...	2
7	5	1	11	24	11	6	6	11	34	9	3	2	14	28	
...	...	1	..	1	...	1	...	1	2	...	...	...	1	1	
2	...	1	...	3	...	...	...	...	...	...	...	...	...	...	...
...
...	1	...	3	4	...	...	...	1	1	...	...	...	...	...	...
4	4	1	5	14	1	6	2	2	11	1	...	1	1	1	3
3	1	...	1	5	...	...	...	...	...	...	...	...	1	...	1
1	1	1	1	4	...	2	...	...	2	2	1	...	...	...	3
2	2	...	...	4	1	...	1	1	3	...	...	...	...	...	...
12	9	3	10	34	2	8	3	4	17	3	1	2	1	7	
19	14	4	21	58	13	14	9	15	51	12	4	4	15	35	

TABLE IV.—NON-PULMONARY TUBERCULOSIS—continued.

Condition at the time of the last record made during the year to which the Return relates.		1930					1931				
		Bones & Joints	Abdominal	Other Org'ns	Peri-pheral Gl'nds	Total	Bones & Joints	Abdominal	Other Org'ns	Peri-pheral Gl'nds	Total
(a) Remaining on Dispensary Register at 31st December	Disease arrested:										
	Adults M.	...	...	...	...	...	...	...	...	...	...
	F.	...	...	...	...	...	...	...	...	...	...
	Children	...	...	...	...	...	...	...	...	...	...
	Disease not arrested:										
	Adults M.	6	2	2	4	14	6	3	2	6	17
	F.	5	4	4	4	17	7	3	6	9	25
(a) Remaining on Dispensary Register at 31st Dec.	Children	5	9	2	5	21	8	2	1	5	16
	Condition not ascertained during the year	...	...	...	1	1	...	...	...	...	...
	Total on Dispensary Register at 31st Dec.	16	15	8	14	53	21	8	9	20	58
	Transferred to Pulmonary	...	...	...	...	...	...	...	...	...	...
(b) Not now on Dispensary Register and reasons for removal therefrom.	Discharged as recovered										
	Adults M.	...	...	...	...	...	...	...	...	...	...
	F.	...	...	...	...	...	...	...	...	...	...
	Children	...	...	...	...	...	...	...	...	...	...
	Lost sight of or otherwise removed from Dispensary Register	1	1	...	1	3	...	...	...	1	1
	Dead										
	Adults M.	1	1	...	1	3	...	...	4	...	4
(b) Not now on Dispensary Register and reasons for removal therefrom.	F.	...	1	...	...	1	...	2	...	...	2
	Children	1	5	...	...	6	...	1	5	...	6
	Total written off Dispensary Register	3	8	...	2	13	...	3	9	1	13
	GRAND TOTALS of (a) & (b) excluding those transferr'd to Pulmonary	19	23	8	16	66	21	11	18	21	71

1931

NEW CASES					DEATHS			
AGE PERIODS	PULMONARY		NON-PULMONARY		PULMONARY		NON-PULMONARY	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
0 to 1	...	...	...	1	...	...	...	1
1 to 5	...	...	6	3	...	...	3	1
5 to 10	1	2	6	5	...	...	2	1
10 to 15	3	1	3	4	...	...	2	1
15 to 20	10	18	8	3	4	5	3	1
20 to 25	7	14	4	10	3	7	2	...
25 to 35	18	19	6	6	12	18	3	1
35 to 45	20	8	1	5	9	5	...	1
45 to 55	23	6	..	3	23	6	1	...
55 to 65	14	1	2	3	11	2	...	2
65 and upwards	2	2	...	1	1	2	...	...
	98	71	36	44	63	45	16	9
TOTALS	169		80		108		25	

Pulmonary Tuberculosis—Proportion of deaths
not notified under Regulations, during life ... 13·9

Non-Pulmonary Tuberculosis—Proportion of deaths
not notified under Regulations, during life ... 24·0

Pulmonary & Non-Pulmonary Tuberculosis—Proportion of deaths not notified under Regulations,
during life 15·8

The number of Primary Notifications for 1930 were :—
Pulmonary 158 ; Non-Pulmonary 84 ; Total number of
Primary Notifications for 1930, 242.

The number of new cases ascertained otherwise than by notification during 1930 were :—Pulmonary 5 ; Non-Pulmonary 7 ; Total number of new cases ascertained otherwise than by notification during 1930, 12.

The number of deaths from Tuberculosis in 1930 were :—Pulmonary 103 ; Non-Pulmonary 36 ; Total number of deaths from Tuberculosis in 1930, 139.

PUBLIC HEALTH (PREVENTION OF TUBERCULOSIS) REGULATIONS, 1925.

No action necessary with regard to tuberculous employees engaged in the milk trade.

PUBLIC HEALTH ACT 1925, Section 62.

No cases of Tuberculosis were compulsorily removed to hospital.

ATTENDANCES AT DISPENSARY.

Insured Persons and	1929	1930	1931
Ex-Service Men	1,144	1,129	1,219
Non-Insured	156	236	276
Children	823	938	600
Totals	<u>2,123</u>	<u>2,303</u>	<u>2,095</u>

Number of New Cases sent to Dispensary by Private Practitioners, 202. Of these, 63 were found to be suffering from Tuberculosis and 139 were Non-Tuberculous.

Number of School Exemption Certificates furnished to Local Education Authority, 33.

The following list gives a summary of the principal occupations of patients notified for the first time to be suffering from Tuberculosis :—

Cotton Operatives	...	...	...	...	...	79
Ironworkers	...	...	...	...	...	14
Textile Machinery Workers	...	...	...	...	...	15
Labourers	...	...	...	...	...	16
Housework	...	...	...	...	...	21
Other Occupations	...	...	...	...	...	35
School	...	..	...	...	...	24
No Occupation	...	...	...	...	...	12
Total						<u>216</u>

Number of Sputum Examinations—Positive	...	196
Do. do. —Negative	...	601
Total	...	<u>797</u>

Number of Reports to Ministry of Pensions :—

To Area Officer, Manchester...	...	...	46
Total	...	...	<u>46</u>

Total number of visits to homes by Tuberculosis Nurse, 974.

PUBLIC HEALTH (TUBERCULOSIS) REGULATIONS, 1924.

Number of cases of Tuberculosis remaining on the Registers of Notifications on December 31st, 1931.

()

PULMONARY			NON-PULMONARY			...	Total Cases
Males	Females	Total	Males	Females	Total		
370	195	565	139	160	299	...	864

STRINESDALE SANATORIUM.

	1930.	1931
Patients admitted... ..	71	96
Patients discharged	64	90
Patients died... ..	8	7

Of the Patients discharged during 1931, 10 showed no increase in weight.

The average increase in the weight of the remaining 80 was $14\frac{1}{2}$ lbs.

The maximum increase in weight of any one patient was 35 lbs.

WESTHULME HOSPITAL.

	1930	1931
Patients admitted : Own Patients	76	95
Patients from Lancashire County Council	2	1
Patients discharged : Own Patients	54	64
Patients from Lancashire County Council	3	1
Patients died : Own Patients	16	20
Patients from Lancashire County Council	1	0

BOUNDARY PARK MUNICIPAL HOSPITAL.

Patients admitted during 1931 : Own Patients...	53
Patients discharged during 1931 : „ ...	41
Patients died during 1931 : „ ...	20

OUTSIDE INSTITUTIONS.

HEATHERWOOD HOSPITAL, ASCOT.

	1930	1931
Patients admitted	0	0
Patients discharged	1	1
Still in	0	0

OUTSIDE INSTITUTIONS—continued.

SHROPSHIRE ORTHOPÆDIC HOSPITAL, OSWESTRY

	1930	1931
Patients admitted	2	3
Still in	2	4
Patients discharged	2	0

THE ROYAL LIVERPOOL CHILDREN'S HOSPITAL,
HESWALL.

Patients admitted during 1931, still in 1

THE LIVERPOOL OPEN AIR HOSPITAL FOR CHILDREN,
LEASOWE.

Patients admitted during 1931, still in 1

THE LIVERPOOL SANATORIUM, DELAMERE.

Patients admitted during 1931	1
Patients discharged during 1931	1
Still in	0

KING EDWARD VII. HOSPITAL, SHEFFIELD.

Patients admitted during 1931, still in 1

SOUTHFIELD SANATORIUM, LIBERTON, EDINBURGH.

Patients admitted during 1931, still in 1

DEATHS, 1931.

Occupations of Patients who have died from Tuberculosis.

				Pulmonary	Non-Pulmonary
Cotton Operatives	...	...	...	26	10
Ironworkers	...	...	...	10	—
Textile Machinery Workers	...	...	...	6	2
Labourers	...	...	...	9	—
House-duties	...	...	...	30	1
School	...	...	...	—	7
Master Jeweller	...	...	...	1	—
Groundsman	...	...	...	1	—
Baker's Assistant	...	...	...	1	—
Barmaid	...	...	...	1	—
Boot Repairer	...	...	...	—	1
Grocer's Assistant	...	...	...	2	—
Theatre Manager	...	...	...	1	—
Stone Masons	...	...	...	2	—
Coal Carters	...	...	...	2	—
Civil Engineer	...	...	...	1	—
Wood Machinist	...	...	...	1	—
Teacher	...	...	...	1	—
Railway Stableman	...	...	...	1	—
Boiler Fireman	...	...	...	1	—
Sheet Metal Workers	...	...	...	2	—
Master Printer	...	...	...	1	—
Railway Plate-Layer	...	...	...	1	—
Gent's Clothes Renovator	...	...	...	1	—
Wire Worker	...	...	...	1	—
Steam Waggon Driver	...	...	...	1	—
Electrical Engineers Assistant	...	...	...	1	—
Scroll Filer	...	...	...	1	—
Butchers Skin Dresser	...	...	...	1	—
No Occupation	...	...	...	1	4
Totals	...	...	...	108	25

VENEREAL DISEASE.

The scheme for treating the above disease remains the same.

1. The Clinic is at the Oldham Royal Infirmary.
2. Dr. Brown is the V.D. Officer and he is assisted by two Assistant Surgeons.
3. There are two beds available for in-patients.
4. The V.D. Clinics are open on Monday, Tuesday and Wednesday evenings and patients can ask to see the Doctor at any of the out-patient clinics without a recommend.
5. There is an orderly available for the men and nurses for the women, whose services are available at practically any time.
6. The Microscopical tests are done at the Infirmary and the Wasserman tests at the Public Health Laboratory, Manchester.
7. Salvarsan Substitutes are supplied free to Medical Practitioners in the town who are entitled to receive them.
8. Pathological outfits for taking specimens are obtainable at the Health Office.

The following figures give the number treated at the Infirmary during the last five years.

		SYPHILIS		GONORRHOEA		OTHER V. D. CASES	
		Males	Females	Males	Females	Males	Females
1927	...	117	90	226	38	1	0
1928	...	135	88	256	43	1	0
1929	...	149	83	267	43	2	1
1930	...	115	78	122	25	1	0
1931	...	132	105	143	28	0	0

The following Statistics summarise the work done during the past year:—The total number of persons treated was 451.

NUMBER OF PERSONS UNDER TREATMENT.

	Jan. 1st		Treated during		Total	
	Males	F'mal's	Males	Females	Males	Females
Suffering from Syphilis	83	58	49	47	132	105
„ „ Gonorrhœa	76	11	66	17	143	28
„ „ Soft Chancre	0	0	0	0	0	0
„ „ Non-V'n'real Dise'ses	2	0	28	13	30	13
Total	161	69	143	77	305	146

In addition to the above, several Oldham persons were treated at the Venereal Centres in Manchester, and 10 persons at the Salford Royal Hospital and three or four in other towns.

Number of persons who ceased to attend without completing a course of Treatment at the Royal Infirmary:—

	MALES.	FEMALES.
Syphilis	29	22
Soft Chancre	0	0
Gonorrhœa	37	8

No. ceased to attend after Treatment but before completion of Treatment Tests:—

	MALES.	FEMALES.
Syphilis	3	0
Soft Chancre	0	0
Gonorrhœa	9	3

No. under Treatment at close of year 1931.

Syphilis	90	82
Gonorrhœa	74	15
Soft Chancre	0	0
Other Conditions	6	1

Total attendances of all Patients :—

	Males	Females	Total
Syphilis	1805	1803	3608
Soft Chancre	0	0	0
Gonorrhœa	1254	984	2238
Other conditions not V.D.	141	91	232
Total			<u>6078</u>

Aggregate number of In-patient days :—

Syphilis	60	44	104
Gonorrhœa	15	50	65
Soft Chancre	0	0	0
Other Conditions	0	0	0

	Spirochetes	Gonococci	Others	Wassermann
Number of specimens examined at the Infirmary	7	327	1	0
Number of specimens sent to the Pathological Laboratory, Manchester	0	0	0	622
Total	7	327	1	622

Number of Oldham persons attending for the first time	175
Lancashire County	30
Yorkshire	8
Total	<u>213</u>

The total cost of Treatment during the year amounted to £1,658 13s. 4d., which receipts from outside areas will reduce to about £1,422 0s. 10d.

The total number of V.D. specimens examined at the laboratory at the Manchester University was 656 of which 654 were for the Wasserman tests and one for Gonococci. 271 of the Wasserman tests gave a positive reaction.

The Orthopædic Institute.

The Isabella Greenhalgh Orthopædic Institute has been in full work throughout the year and has amply proved the great value of the gift of Mr. Richard Greenhalgh.

The afternoons on which the Orthopædic Surgeons attends are frequently very crowded.

As regards the Artificial Sunlight treatment the results have in a large number of cases been exceedingly successful. The best results have been in young persons.

The total number of cases who attended the Centre during the year was 405 and came under the following headings :—

	1930	1931
Child Welfare... ..	107	124
School Children	123	122
Tuberculosis	61	86
Private Patients	64	73
	<u>355</u>	<u>405</u>

Out of this number 212 were seen by the Orthopædic Surgeons necessitating 768 consultations.

Owing to beds being now available at the Municipal Hospital a much larger number of patients have received operative treatment with very satisfactory results.

As regards the treatment by the Ultra-Violet Rays, the results continue to be most satisfactory. In Rickets and Debilitated conditions, in the latter especially after some illness, very great benefit has resulted. In Tuberculosis (Non- Pulmonary) conditions the results have been good and this is also the case in Chronic Bronchitis and Asthmatics. In Lupus and Glandular cases the treatment has to be extended over a considerable period and several ceased attending before complete cure could be effected.

The X-Ray apparatus has been exceedingly valuable, especially for diagnosis in lung cases and in showing the condition of the bones in Orthopædic cases. Without its use many branches of the work would be much less efficient.

The number of X-Rays taken during the year was :—

	1930	1931
Orthopædic Cases	13	—*
Dispensary Cases	219	189
Infant Welfare Cases	10	19
School Cases	13	37
Private Cases	24	20
Total	<u>279</u>	<u>265</u>

*Included in Departmental Cases.

TABLE No. 1.

NUMBER OF PATIENTS TREATED.

				M. & C.W.	School	Tubercular	Private	Total.
Rickets	...	...	...	41	32	—	2	75
Bronchitis	...	...	...	5	3	2	—	10
Paralysis	...	...	...	4	15	1	2	22
Debility, Malnutrition and Neurasthenia				51	13	—	5	69
Anæmia	...	...	...	3	5	—	1	9
Neuritis	...	...	...	—	—	—	—	—
Catarrh	...	...	...	—	—	—	—	—
Rheumatism	...	...	...	—	1	—	4	5
Arthritis	...	...	...	—	—	1	6	7
Deformities	...	...	...	15	11	—	7	33
Injuries	...	...	...	2	5	—	26	33
Alopecia	...	...	...	—	—	—	1	1
Asthma	...	...	...	—	3	—	1	4
T. B. Abdomen...	...	...	...	—	—	—	—	—
„ „ Hip	...	...	...	—	—	10	1	11
„ „ Spine	...	...	...	—	1	7	—	8
„ „ Knee	...	...	...	—	—	2	—	2
„ „ Bone	...	...	...	—	2	7	1	10
„ „ Sinus	...	...	...	—	—	—	—	—
Enlarged Glands	...	...	...	1	7	28	1	37
Skin Diseases	...	...	...	—	—	—	—	—
Sciatica	...	...	...	—	—	—	—	—
Lupus	...	...	...	—	—	12	—	12
Chorea	...	...	...	—	—	—	—	—
Wry Neck	...	...	...	1	6	—	—	7
Sundries	...	...	...	1	18	16	15	50
Totals	...	...	...	124	122	86	73	405

TABLE No. 2.

RESULTS.

		Sunlight	Still under Treatment	Cured	Much Improved	Improved	I.S.Q	Discontinued Treatment
Rickets	... ..	56	16	10	31	16	9	11
Bronchitis	... ..	9	1	—	7	2	—	—
T.B. Abdomen	... ..	—	—	—	—	—	—	—
„ „ Glands	... ..	37	—	1	9	19	7	8
Lupus	... ..	12	6	1	4	7	1	2
Debility	... ..	69	1	—	48	19	1	9
T. B. Bone	... ..	1	2	1	4	—	3	—
Skin Disease	... ..	—	—	—	—	—	—	—
Chorea	... ..	—	—	—	—	—	—	—
Total cases	... ..	184	26	13	103	63	21	30

Infectious Diseases.

The following Table gives the number of cases of Infectious Diseases notified during the year, and the deaths registered as the result of these diseases.

DISEASE.	NOTIFICATIONS.	DEATHS.
Small-pox	0	0 ✓
Scarlet Fever	272	2 ✓
Diphtheria	88	2 ✓
Erysipelas	53	1
Enteric Fever	8	0 ✓
Acute Anterior Poliomyelitis	1	0 ✓
Puerperal Fever	8	2
Puerperal Pyrexia	20	1
Tuberculosis	249	133
† Pneumonia	222	201
Cerebro Spinal Meningitis	1	1 ✓
Ophthalmia Neonatorum	11	0
Encephalitis Lethargica	6	13
* Measles and German Measles	885	10
* Whooping Cough	407	8
* Chicken Pox	797	0

* Notified from Schools. &c. † Includes Broncho-Pneumonia.

Influenza also caused 42 deaths; Syphilis 8; General Paralysis of the Insane 27 and Diarrhoea and Enteritis 15 deaths.

The Attack rates per 1,000 in England and Wales and in Oldham is shown as follows.

From these figures it will be seen that with the exception Puerperal Pyrexia where the attack rate is the same, the cases of Infectious Disease in Oldham are proportionately less than in the country generally. The average Zymotic rate for the past five years is lower than any previous quinquennial period.

The Attack rates per 1,000 of the population were :—

	England & Wales		Oldham
Small-pox	0·14	...	0·00
Scarlet Fever	2·05	...	1·91
Diphtheria	1·27	...	0·62
Enteric Fever	0·06	...	0·05
Puerperal Fever	0·06	...	0·05
Puerperal Pyrexia	0·14	...	0·14
Erysipelas	0·38	...	0·37

The death rates per 1,000 of the population from the principal Infectious Diseases were as follows :—

The rate in Oldham for each Disease is lower than for the Country as a whole.

	England and Wales		107 Large Towns	Oldham
Scarlet Fever	0·01	...	0·01	0·01
Diphtheria	0·07	...	0·08	0·01
Enteric Fever	0·01	...	0·00	0·00
Measles	0·08	...	0·10	0·07
Whooping Cough	0·06	...	0·07	0·05
Influenza	0·36	...	0·33	0·22
Diarrhoea & Enteritis.	6·0	...	8·4	3·6

(Under 2 years per 1,000 Births)

SMALL-POX.

No case of Small-pox was notified in the Borough during the year.

VACCINATION.

The following returns for the past three years indicate the prevalence of Vaccination in the Borough. In the Borough only 12·9 per cent of the children born were successfully vaccinated. This is the lowest percentage yet recorded.

	1928	1929	1930
Number of Births	2079	1926	1941
Successfully Vaccinated	296	243	251
Died Unvaccinated	165	138	113
Insusceptible	0	6	3
Postponed by Medical Certificate	0	4	23
Left the District	0	55	35
Not Accounted for	0	29	20
Percentage successfully Vaccinated	14	13	13

Lymph, by permission of the Ministry is now stored by the Corporation and is available at any time day or night. This will obviate any delay should any outbreak of small-pox occur in the town.

ERYSIPELAS.

Fifty-three cases were notified during the year and one death occurred.

SCARLET FEVER.

There was a considerable decline in the prevalence of Scarlet Fever during the year, 272 cases were notified compared with 712 in the previous year. The disease

was usually of a mild type and only two deaths occurred. The decline was most marked towards the close of the year. According to previous years we should look forward to a comparative freedom for another year or two.

ENTERIC FEVER.

Eight cases were notified but there were no deaths from Enteric Fever with the exception of two children both in the same home, there seemed to be no connection between the cases. The widal reaction in all the positive cases was of a paratyphoid nature.

ENCEPHALITIS LETHARGICA.

Six cases were notified during the year but 13 deaths were attributed to this cause. Several of them were old cases which had not been diagnosed until the after affects came under treatment.

The six notified cases were as follows :

1	Jan.	9th	...	Female, aged 66 years	..	Died
2	Jan.	9th	...	Female. „ 24	„ ...	Died
3	Feb.	27th	...	Female. „ 19	„ ...	Recovered
4	May	12th	...	Male „ 52	„ ...	Died
5	Oct	30th	...	Male „ 38	„ ...	Recovered
6	Dec.	15th	...	Female „ 51	„ ...	Died

DIPHTHERIA.

The number of cases notified during the year was 88 compared with 168 in the previous year and the number of deaths in these cases was two or 2·2 per cent. One of the deaths was of a child under 5 years of age, and one of a child between 5 and 10 years.

The disease was most prevalent in the early months of the year and showed a marked decline towards the close. The percentage of deaths is remarkably low. In earlier years it was not uncommon for the percentage of deaths to be 40 or 50. Out of the 88 cases 78 were removed to Westhulme for treatment.

INFLUENZA.

Although at times this disease was prevalent, it was generally of a mild type. The deaths numbered 32 against 28 in 1930 and 157 in 1929.

The death rate in Oldham for the year was 0·22 per 1,000 compared with 0·36 for the whole of England and Wales.

DISINFECTION.

The same arrangements exist in the town as in previous years, viz : a central depot with Steam Disinfector, Removal Van, Cleansing Baths, etc., and a small Disinfector (current steam) at the Infectious Disease Hospital.

There is also a Disinfecting Apparatus under the control of the Public Assistance Committee available for the Institution only.

Hospitals.

WESTHULME HOSPITAL.

The General Infectious Disease Hospital for the Borough. It is a training school for the Fever Nursing Certificate. Cases are received if there are beds available, from the surrounding Districts of Chadderton, Crompton, Royton, Lees, Failsworth and Saddleworth. It is very probable that it may be necessary to increase the accommodation owing to the Local Government Act, 1929 and the undertaking by the Council to treat all necessitous cases.

The following is a summary of the total number of cases admitted during last year and this :—

DISEASE	1930		1931	
	CASES	DEATHS	CASES	DEATHS
Measles	12	0	22	0
Scarlet Fever	522	5	254	3
Diphtheria	162	17	106	4
Enteric	2	1	11	1
Erysipelas	0	0	2	0
Tuberculosis	78	17	96	20
Chicken-pox	1	0	2	0
Malnutrition	0	0	0	0
Cross Infections	4	0	0	0
Encephalitis Lethargica	0	0	1	0
Cerebro Spinal Meningitis	0	0	2	0
Total ...	781	40	496	28

STRINESDALE SANATORIUM.

During the year 96 cases were admitted, and 7 died.

The administrative portion is gradually becoming more delapidated

BOUNDARY PARK MUNICIPAL HOSPITAL.

Full details of the work of this Hospital are given in an earlier part of this Report.

MATERNITY HOME.

This Institution was opened on September 25th, 1928, and after a few months, the applications for admission were so numerous that by a rearrangement, two further beds were provided, making a total of 14, all on the ground floor. The matter of further extensions has been discussed but was postponed for a year, owing to the state of trade in the town. More people have entered the Maternity Home Ward at Boundary Park Hospital and though with the exception of a month or so the beds have been fully booked there has not been quite the same urgent demand for admission.

STAFF—The present Staff consists of Matron and two Sisters, trained Nurses, Midwives, three trained Midwives, five Maids, a cleaner and one Male porter.

GENERAL ARRANGEMENTS—

Up to the close of the year 777 persons have been admitted since the Institution was opened. 755 babies have been born living and 22 were stillborn. 15 babies died after birth in the Home.

The following are the Statistics for 1930 and 1931 :

	1930	1931
Persons admitted	244	261
Attended by Staff	120	116
Attended by Doctor	124	142
Medical aid sought	53	49
Maternal deaths	0	0
Infant deaths	5	8
Cases of Puerperal Fever	0	0
Cases of Pyrexia	7	7
Cases of Ophthalmia	0	1
Cases of Pemphigus	0	0

The causes of the Infant deaths were, Prematurity 2, Abnormality 1, other conditions 5.

RACEFIELD SMALL-POX HOSPITAL.

The above Hospital has been let to the Lancashire County Council for the treatment of Tuberculosis and Small-Pox throughout the year.

CORONER'S COURT.

The Coroner has very kindly supplied me with particulars of the inquests held during the past year as follows :—

	MALES	FEMALES	TOTAL
Deaths reported to the Coroner	190	136	326
Inquests	113	63	176
Verdicts—Suicide	16	5	21
Accidents, etc.	40	28	68
Natural Causes	50	24	74
Open Verdicts	7	2	9
Adjourned	0	0	1

In addition to these, one death was attributed to the taking of Drugs and one to want or exposure.

There were no inquests on infants suffocated whilst in bed with their parents. Four inquests were on newly-born children.

Of the total number of deaths 98 were mental defectives in Institutions, 5 inmates of other Institutions and 223 other persons. In 150 cases reported the deaths were investigated by the Coroner but no inquests held. 57 inquests were held with a jury and 119 without.

CANCER.

There is again a slight decrease in the number of deaths attributed to this disease during the year. Fifteen were of persons under the age of 45 years and 86 in persons over 65. The number of deaths in the last five years is as follows :—

1927	...	...	...	219
1928	...	...	...	216
1929	...	...	...	240
1930	...	...	...	232
1931	...	...	...	217

The following Table gives further details respecting the disease.

The organs affected in the 217 deaths are as follows :—

Digestive Organs—

Diaphragm	...	...	...	0
Stomach	...	...	...	62
Liver	...	...	...	19
Intestines	...	...	...	38
Pancreas	...	...	...	4
Rectum	...	...	...	13

Female Generative
Organs—

Breast	...	...	...	...	21
Uterus	...	...	...	...	21
Ovary	...	...	...	...	2

Miscellaneous—

Tongue	...	...	...	...	5
Jaw	...	...	...	...	6
Larynx	...	...	...	...	4
Bladder	...	...	...	...	7
Heart	...	...	...	...	—
Male Organs	...	...	...	...	1
Sundry	...	...	...	...	14
					<hr/> 217 <hr/>

The 1 case of cancer of the Male Organs the occupation was—a Night Watchman.

BACTERIOLOGY.

All Specimens for Bacteriological Examination except Sputum are sent to the Public Health Laboratory at Manchester University.

The following Specimens were sent from the Health Department during the year:—

	Number	Positive	Negative
Diphtheria Swabs	395	36	359
Typhoid Fever	13	4	9
Fæces and Urine	22	—	—
Others	13	—	—
Swabs, Nose and Throat for Streptococci Puerperal cases	40	—	—

VITAL STATISTICS.

POPULATION. The Statistics in the various Tables may this year be considered as practically correct as owing to the Census the true population has been ascertained and used for their calculation.

The populations of the various Wards has also been obtained in Oldham and comments have been made on these changes in the earlier part of the Report.

BIRTHS. The number of births has again slightly increased from 1,902 to 1,928 though the rate is still exceedingly low and exceeded by the death rate.

DEATHS. The number of deaths has again increased from 1,950 to 2,035 giving rates of 13·7 and 14·3. Though only on two years previous has the rate been lower, it is a high rate when compared with the rest of the country and other towns.

The deaths from those diseases which so far as is known at present are preventable, are as previously recorded low in number. The principal causes of Mortality are Chest Diseases.—Bronchitis, Pneumonia and Heart Disease while Cancer also causes a large number.

As regards the various Wards the rates are tabulated in Table No. 6.

The highest birth rates are 37·5 in Westwood and 23·8 in Clarksfield Wards. These rates are due to Boundary Park Hospital and the Maternity Homes being in these Wards. The Wards with the lowest rates are St. Peter's and St. James's.

The highest death rates are in Mumps and Coldhurst Wards with 17·9 and 16·4 respectively.

The Infantile Mortality rates will be found under the Maternity and Child Welfare Section.

The following figures allow a comparison of the Oldham rates with the County and other Lancashire towns :—

	Birth Rate per 1,000	Death Rate population	Infantile Mortality Rate per 1,000	Maternal Mortality rate Births	Tuberculosis Death rate (all forms) per 1,000 population
England and Wales	15·8	12·3	66	3·95	—
107 Great Towns	16·0	12·3	71	—	—
159 Smaller Towns	15·6	11·3	62	—	—
Oldham	13·5	14·3	105	6·7	0·93
Blackburn	12·4	14·1	61	3·89	0·91
Bolton	13·7	13·4	78	8·12	0·77
Burnley	13·0	14·2	85	5·88	0·92
Bury	12·0	14·5	71	5·9	0·89
Liverpool	21·7	14·3	93	2·95	1·35
Manchester	15·9	13·8	83	3·26	1·29
Preston	15·6	13·8	88	5·32	0·86
Rochdale	12·6	15·0	66	7·81	0·60
St. Helens	20·1	12·5	88	3·2	1·10
Salford	15·4	14·2	101	4·3	1·4
Warrington	18·5	13·4	100	7·4	1·06
Blackpool	10·8	15·1	71	4·7	0·84
Southport	10·6	12·6	68	6·0	0·63
Wigan	18·5	14·0	103	4·38	0·93

The following table gives the death rates from certain specified diseases in the various Wards calculated on the Census figures.

Ward	Infectious Diseases			Tuberculosis		Respiratory Diseases			Diarrhoea and Enteritis	Deaths under one year per 1,000 births
	Measles	Whooping Cough	Diphtheria	Pulmon'y	Other Forms	Influenza	Bronchitis	Pneumonia	Under 2 years	
St. Mary's ...	0·20	...	...	1·01	...	...	1·82	1·82	0·10	108
St. Peter's ...	0·10	...	..	0·60	0·30	0·20	1·70	1·20	...	156
Werneth .....	...	0·18	...	0·28	0·18	0·27	2·29	1·09	..	73
Westwood ...	...	0·07	...	0·73	0·14	0·22	1·90	1·02	0·07	29
St. Paul's ...	...	...	...	0·49	0·18	0·31	1·59	1·22	0·12	161
Coldhurst ...	0·13	...	...	0·52	0·26	...	2·89	1·71	...	194
Hartford.....	0·17	0·08	...	0·94	0·08	0·25	2·05	1·80	...	173
Hollinwood...	...	...	...	0·74	0·16	0·24	0·91	2·14	0·08	207
Clarksfield ...	...	...	...	0·87	0·25	0·06	1·81	1·12	...	55
Mumps .. .	0·12	0·26	0·12	1·41	0·13	0·76	2·43	1·15	0·12	172
St. James's ..	...	0·09	...	0·98	0·19	0·49	1·86	0·88	...	77
Waterhead ...	0·21	0·07	0·07	0·84	0·21	0·07	1·68	2·04	0·07	161
Borough .	0·07	0·05	0·01	0·77	0·17	0·22	1·85	1·43	0·05	105

The Infantile rates in Hollinwood Ward will be seen to be exceptionately high mainly due to Chest Diseases and the same applies, though the rate is lower, to Coldhurst, Hartford and Mumps Wards.

TABLE No. 1.
HOUSES BUILT IN THE BOROUGH.

YEAR.						No. of Houses Built.
March	1892	to	April	1893	...	227
"	1893		"	1894	...	362
"	1894		"	1895	...	284
"	1895		"	1896	...	294
"	1896		"	1897	...	360
"	1897		"	1898	...	505
"	1898		"	1899	...	455
"	1899		"	1900	...	608
"	1900		"	1901	...	543
"	1901		"	1902	...	439
"	1902		"	1903	...	375
"	1903		"	1904	...	357
"	1904		"	1905	...	242
"	1905		"	1906	...	185
"	1906		"	1907	...	169
"	1907		"	1908	...	210
"	1908		"	1909	...	283
"	1909		"	1910	...	443
"	1910		"	1911	...	453
"	1911		"	1912	...	283
"	1912		"	1913	...	288
"	1913		"	1914	...	283
"	1914		"	1915	...	212
"	1915		"	1916	...	85
"	1916		"	1917	...	16
"	1917		"	1918	...	2
"	1918		"	1919	...	1
"	1919		"	1920	...	4
"	1920		"	1921	...	27
"	1921		"	1922	...	29
"	1922		"	1923	...	318
"	1923		"	1924	...	42
"	1924		"	1925	...	84
"	1925		"	1926	...	179
"	1926		"	1927	...	189
"	1927		"	1928	...	396
"	1928		"	1929	...	348
"	1929		"	1930	...	447
"	1930		"	1931	...	358
"	1931		"	1932	...	68

TABLE No. 2.

INFANTILE MORTALITY ENDING DECEMBER
31st, 1931.

DEATHS FROM STATED CAUSES IN WEEKS AND MONTHS UNDER
ONE YEAR OF AGE.

CAUSE OF DEATH	Under 1 week	1-2 weeks	2-3 weeks	3-4 weeks	Total under 1 month	1-3 months	3-6 months	6-9 months	9-12 months	Total deaths under 1 year
All Causes { Certified ... ..	...	...	...	...	...	...	...	...	...	...
{ Uncertified ... ..	...	...	...	...	...	...	...	...	...	...
Small-Pox ... ..	...	...	...	...	...	...	...	...	...	...
Chicken-Pox ... ..	...	...	...	...	...	...	...	...	...	...
Measles ... ..	...	...	...	...	...	...	...	...	2	2
Scarlet Fever ... ..	...	...	...	...	...	...	...	...	1	1
Whooping Cough ... ..	...	...	...	...	...	...	...	...	1	1
Diphtheria and Croup ... ..	...	...	...	...	...	...	...	...	...	...
Erysipelas ... ..	...	...	...	...	...	...	...	...	...	...
Tubercular Meningitis ... ..	...	...	...	...	...	...	...	...	1	1
Abdominal Tuberculosis ... ..	...	...	...	...	...	...	...	...	...	...
Other Tuberculous Diseases ... ..	...	...	...	...	...	...	...	...	...	...
Meningitis (<i>not Tuberculous</i>) ... ..	...	...	...	...	...	1	1	...	...	2
Convulsions	2	...	...	2	4	2	...	...	...	6
Laryngitis ... ..	...	...	...	...	...	...	...	...	...	...
Bronchitis ... ..	...	2	1	1	4	6	8	3	2	23
Pneumonia (all forms) ... ..	...	...	...	1	1	7	6	16	13	43
Diarrhoea ... ..	...	1	...	...	1	1	...	...	...	2
Enteritis ... ..	...	...	1	1	2	1	...	1	...	4
Gastritis ... ..	...	...	...	...	...	...	...	...	...	...
Syphilis ... ..	...	...	1	...	1	...	...	...	...	1
Rickets ... ..	...	...	...	...	...	...	...	...	...	...
Suffocation, overlying ... ..	...	...	...	...	...	...	...	...	...	...
Injury at Birth	2	...	...	...	2	...	...	...	...	2
Atelectasis	2	...	...	...	2	1	...	...	1	4
Congenital Malformations	9	...	3	3	15	3	...	...	...	18
Premature Birth	39	5	4	1	49	2	...	...	...	51
Atrophy, Debility and Marasmus	9	3	3	2	17	7	3	1	2	30
Other Causes	6	3	...	2	11	1	...	...	...	12
TOTALS.....	69	14	13	13	109	32	18	21	23	203

TABLE No. 3.

DISEASES UNDER ONE YEAR OF AGE IN 1931.

Nature of Disease.	How Fed.					Occupation of Mother.				TOTALS
	Bottle.	Breast.	Artificial food.	Both Breast and Bottle.	No Food.	Cotton Worker.	Charwoman or D'm'stic Servant	Other Occupations.	Housework.	
Small-pox .....	...	...	...	...	...	...	...	...	...	...
Chicken-pox .....	...	...	...	...	...	...	...	...	...	...
Measles.....	...	1	1	...	...	...	...	...	2	2
Scarlet Fever .....	...	...	1	...	...	...	...	...	1	1
Whooping Cough .....	...	1	...	...	...	...	...	...	1	1
Diphtheria & Croup .	...	...	...	...	...	...	...	...	...	..
Erysipelas.....	...	...	...	...	...	...	...	...	...	...
Tubercular Meningitis	...	1	...	...	...	...	..	..	1	1
Abdominal										
Tuberculosis.....	...	...	...	...	...	...	...	...	...	...
Other Tuberculous										
Diseases .....	...	...	...	...	...	...	...	...	...	..
Meningitis (not										
Tubercular) ... ..	...	1	1	...	...	2	...	...	...	2
Convulsions ... ..	...	5	...	...	1	3	...	...	3	6
Laryngitis .....	...	...	...	...	...	...	...	...	...	...
Bronchitis	1	16	5	1	...	4	...	2	17	23
Pneumonia (all forms)	5	17	19	2	...	11	...	1	31	43
Diarrhoea .....	...	2	...	...	...	1	...	...	1	2
Enteritis .. .....	...	2	2	...	...	...	...	...	4	4
Gastritis .....	..	..	...	...	...	...	...	...	...	...
Syphilis.....	..	1	...	..	...	...	...	...	1	1
Rickets .....	..	...	...	...	...	...	...	...	...	...
Suffocation, over-										
lying .. .....	...	...	...	..	...	..	...	...	...	...
Injury at birth... ..	...	...	...	...	2	...	...	...	2	2
Atelectasis .....	...	1	2	..	1	1	...	...	3	4
Congenital Mal-										
formation ... ..	...	11	3	...	4	4	...	...	14	18
Premature Birth ..	1	12	4	...	34	10	...	2	39	51
Atrophy, Debility,										
and Marasmus...	1	19	6	1	3	6	...	...	24	30
Other Causes	1	6	...	..	5	2	...	..	10	12
TOTALS	9	96	44	4	50	44	...	5	154	203

TABLE No. 6.—Showing Population, Births and Birth Rates, Deaths and Death Rates.—1931.

WARD.	Census Population 1931	Area in Acres.	Density (Persons to an Acre).	BIRTHS.			Birth Rate per 1,000 Population.	DEATHS.			Death Rate per 1,000 Population.
				Males.	Females.	Total.		Males.	Females.	Total.	
St. Mary's	9,870	124	79·6	62	58	120	12·1	67	75	142	14·3
St. Peter's	9,934	284	31·4	42	35	77	7·7	85	67	152	15·3
Werneth	10,924	264	41·4	57	52	109	9·9	62	89	151	13·8
Westwood	13,672	281	48·6	266	248	514	37·5	97	83	180	13·1
St. Paul's ..	16,282	485	33·5	61	69	130	7·9	102	109	211	12·9
Coldhurst	7,592	143	53·1	33	34	67	8·8	59	66	125	16·4
Hartford	11,665	202	57·7	62	59	121	10·3	88	84	172	14·7
Hollinwood.....	12,118	417	29·0	61	50	111	9·1	74	63	137	11·3
Clarksfield	16,014	652	24·5	193	189	382	23·8	115	118	233	14·5
Mumps	7,810	135	57·8	62	48	110	14·0	81	59	140	17·9
St. James'	10,215	967	10·5	36	55	91	8·9	65	67	132	12·9
Waterhead	14,213	781	18·1	110	82	192	13·5	95	95	190	13·3
Transferred Births and Deaths	...	..	...	-48	-48	-96	...	+35	+35	+70	...
Registrar General's Estimate.....	141,900	4,735	29·9	997	931	1,928	13·5	1025	1010	2,035	14·3

The Population are Census numbers for 1931.

TABLE No. 9.—FOR WHOLE DISTRICT.

YEAR.	Population estimated to middle of each Year.	BIRTHS.		TOTAL DEATHS REGISTERED IN THE DISTRICT.				Total Deaths in Public Institutions in the District.	Deaths of Non-residents registered in Public Institutions in the District.	Deaths of residents beyond the District.	NETT DEATHS AT ALL AGES BELONGING TO THE DISTRICT.	
		Number	Rate.	Under 1 Year of Age.		At all Ages.					Number	Rate.
				Number	Rate per 1,000 Births registered	Number	Rate.					
1	2	3	4	5	6	7	8	9	10	11	12	13
1918	...	2057	13.8	243	118	3036	22.8	828	287	72	2821	21.1
1919	...	2246	15.7	213	95	2390	17.2	438	225	56	2221	16.0
1920	143,154	3372	23.6	355	105	2285	16.0	451	205	60	2140	15.0
1921	148,300	3136	21.3	341	109	2333	15.9	397	207	52	2178	14.8
1922	148,300	2835	19.3	301	106	2531	17.2	537	256	57	2332	15.8
1923	147,500	2617	17.8	289	110	2560	17.4	527	264	56	2352	16.0
1924	147,300	2433	16.3	260	107	2226	14.9	416	237	56	2045	13.7
1925	146,200	2279	15.5	236	103	2376	16.1	522	255	65	2186	14.8
1926	143,000	2338	16.1	241	103	2565	17.7	590	805	68	2328	16.0
1927	141,400	2095	14.6	181	86	2249	15.7	543	281	86	2054	14.4
Averages for years 1918-1927	.....	2540	17.4	266	104	2455	17.1	524	302	62	2265	15.7
1928	143,200	2044	14.1	181	88	2289	15.9	905	300	88	2064	14.4
1929	142,500	1887	13.2	221	117	2913	20.3	1095	330	73	2646	18.5
1930	142,500	1902	13.3	134	70	2277	15.9	920	309	88	1950	13.7
1931	141,900	1928	13.5	204	105	2370	16.7	600	333	70	2035	14.3

At Census of 1921.—Total population at all ages, 145,001. Number of inhabited houses, 34,781.
Area of District in Acres, 4,735.
Average number of persons per house, 4.26.

TABLE No. 10.

Showing the Birth-rates, also Rates of Mortality from all causes, from the seven principal Zymotic Diseases, and from Phthisis, Bronchitis, and Pneumonia, during the years 1899-1931

Year	Population	RATES PER 1,000 POPULATION FROM						Deaths under 1 year to 1000 births
		Births	Deaths all causes	7 principal Zymotic Diseases	Phthisis	Bronchitis	Pneumonia	
1899	136,210	27.5	22.7	2.4	1.6	2.8	2.6	198
1900	136,797	27.1	22.0	2.7	1.9	2.8	2.3	173
1901	137,382	24.6	19.7	2.5	1.6	2.2	2.2	173
Average 5 y'rs		27.0	20.9	2.5	1.7	2.4	2.3	180
1902	138,091	26.1	19.1	2.0	1.5	2.1	2.0	148
1903	138,786	25.6	18.6	2.4	1.6	2.4	1.6	160
1904	139,497	24.9	18.3	2.3	1.4	2.2	1.5	155
1905	140,225	24.3	18.1	2.1	1.5	1.9	1.6	150
1906	140,969	26.9	18.8	2.8	1.3	1.7	1.6	146
Average 5 y'rs		25.5	18.6	2.3	1.4	2.0	1.6	152
1907	141,730	26.5	19.3	1.5	1.6	2.5	1.9	144
1908	142,507	28.4	20.1	2.6	1.5	2.2	1.5	159
1909	143,301	27.4	19.0	1.1	1.4	2.2	1.8	119
1910	146,700	25.2	16.7	1.8	1.1	1.7	1.5	127
1911	147,751	24.4	18.2	2.5	1.2	1.7	1.5	159
Average 5 y'rs		26.4	18.6	1.9	1.3	2.0	1.6	141
1912	148,840	22.9	16.3	1.3	1.3	1.8	1.3	117
1913	149,936	23.2	17.1	1.4	1.2	2.0	1.3	139
1914	151,044	23.0	17.8	2.5	1.2	1.9	1.4	136
1915	141,781	20.8	18.0	1.0	1.4	2.3	1.6	126
1916	*136,126	17.8	16.7	0.9	1.3	1.8	0.9	122
Average 5 y'rs		21.5	17.2	1.4	1.3	1.9	1.3	128
1917	*133,721	14.4	16.0	0.8	1.3	2.1	1.3	110
1918	149,285	13.8	21.1	1.0	1.2	2.7	2.3	118
1919	.....	15.7	16.0	0.6	0.9	2.2	1.1	95
1920	143,154	23.6	15.0	0.4	1.1	1.6	1.2	105
1921	148,300	21.3	14.8	0.5	0.8	1.7	1.2	109
Average 5 y'rs		17.7	16.6	0.6	1.1	2.1	1.4	107
1922	148,300	19.3	15.8	0.7	0.9	2.0	1.2	106
1923	148,300	17.8	16.0	0.5	0.8	2.2	1.5	110
1924	147,300	16.3	13.7	0.3	0.8	1.7	1.2	111
1925	146,200	15.5	14.8	0.5	0.8	1.7	1.1	103
1926	143,000	16.1	16.0	0.7	0.8	1.9	1.4	106
Average 5 y'rs		17.0	15.2	0.5	0.8	1.9	1.3	107
1927	141,400	14.6	14.4	0.2	0.7	1.7	1.2	86
1928	143,200	14.1	14.4	0.4	0.8	1.6	0.9	88
1929	142,500	13.2	18.5	0.86	1.0	2.5	1.7	117
1930	142,500	13.3	13.7	0.3	0.7	1.6	1.0	70
1931	141,900	13.5	14.3	0.2	0.7	1.8	1.4	105
Average 5 y'rs		13.7	15.0	0.3	0.7	1.8	1.2	93

* Estimated for Deaths.

TABLE No. 11.

Showing the number of deaths from the Seven Principal Zymotic Diseases in the Borough of Oldham, during the years 1896-1931.

Year	Population	Smallpox	Measles	Scarlet Fever	Diphtheria	Whooping Cough	Fever Typhus and Typhoid	Diarrhoea	Total Deaths
1896	134,475	...	165	56	34	53	23	72	403
1897	135,045	...	96	21	9	77	19	145	367
1898	135,617	...	87	24	10	65	23	114	323
1899	136,210	...	49	46	21	54	18	138	326
1900	136,797	3	108	54	20	89	17	76	367
1901	137,382	...	73	41	13	30	9	171	337
1902	138,091	7	103	39	49	29	13	42	282
1903	138,786	23	43	30	58	111	12	47	324
1904	139,497	14	70	22	34	37	22	117	316
1905	140,225	5	65	45	11	57	12	98	293
1906	140,969	...	125	33	17	41	6	175	397
1907	141,730	...	35	17	17	66	4	78	217
1908	142,507	...	82	28	23	54	12	174	373
1909	143,301	...	43	16	14	15	12	54	159
1910	146,700	...	84	4	9	77	10	80	264
1911	147,751	...	64	5	11	13	3	260	356
1912	148,840	...	65	7	12	65	...	52	201
1913	149,936	...	38	19	19	36	3	104	219
1914	151,044	...	169	48	39	56	5	69	386
1915	141,781*	...	48	17	20	15	4	49	153
1916	136,126*	...	29	3	30	48	2	32	144
1917	133,721	...	73	3	6	4	4	25	115
1918	149,285	...	34	7	10	71	7	5	134
1919	.....	...	25	13	21	5	5	17	86
1920	143,154	...	6	6	15	17	1	12	57
1921	148,300	...	2	7	9	34	3	15	70
1922	148,300	...	70	8	11	9	3	10	111
1923	148,300	...	12	5	10	46	1	6	80
1924	147,300	...	24	2	3	13	1	5	48
1925	146,200	...	37	7	16	6	5	10	81
1926	143,000	...	23	4	19	47	2	4	99
1927	141,400	1	7	...	17	6	1	4	36
1928	143,200	...	9	1	35	4	...	21	70
1929	142,500	...	23	2	17	73	2	16	123
1930	142,500	...	21	8	17	2	...	...	48
1931	141,900	...	10	2	2	8	...	15	37

* Estimated for Deaths.

Date	Barometer reduced to Sea Level at 32.0	Thermometer	HYGROMETER		% of Saturation	TEMPERATURES.								Rainfall 12 in. above ground.	Number of Days on which rain fell	Clouds covered = 10 clear = 0	Sunshine recorded at Stirlingdale
			Dry	Wet		Maximum in Shade	Minimum in Shade.	Maximum in Sun Black Bulb	Maximum in Sun Black Bulb in Vacuo	Minimum on Grass.	Temperature 12 in. below surface.	Temperature 4 ft. below surface.					
1931																	
January 3	28.40	37	37	37	100	43	32	43	45	28	39	42	.82	7	8	1.20	
10	29.27	29	29	28	31	34	24	34	34	19	35	40	.08	2	10	7.50	
17	28.95	40	40	39	92	43	32	42	47	30	36	39	1.55	6	7		
24	28.80	43	43	42	92	45	36	+	50	33	39	39	1.70	6	9		
31	28.90	38	38	37	91	41	31	45	49	29	38	40	1.45	6	9		
February 7	29.11	36	37	35	80	38	30	39	45	27	37	39	.89	5	5	16.38*	
14	28.79	40	40	38	83	47	31	47	61	25	39	39	1.73	7	8	9.90	
21	28.76	37	37	36	91	40	31	41	50	28	36	38	1.06	7	9	5.40	
28	29.00	39	39	37	83	43	32	44	58	29	38	38	1.72	6	10	3.25	
March 7	28.92	33	33	31	—	36	25	39	61	22	35	38	.38	4	8	28.60	
14	28.87	33	33	33	100	35	26	39	62	20	34	37	.20	4	7	26.95	
21	28.93	47	47	45	85	51	37	57	79	33	37	37	.01	1	5	35.80	
28	29.33	44	44	40	69	51	35	54	72	30	40	38	.14	3	9	32.45	
April 4	29.10	41	41	37	68	43	33	47	63	30	39	39	.99	3	9	12.40	
11	28.93	49	49	45	72	51	40	56	77	37	43	40	.93	6	8	26.75	
18	29.12	46	46	43	78	50	38	53	52	36	43	42	.82	6	9	19.40	
25	28.87	44	44	41	77.	46	37	49	67	35	42	42	.42	7	9	3.20	
2	28.91	46	46	42	71	51	×	56	81	35	44	43	.68	5	9	31.50	
9	28.99	50	50	46	73	35	43	62	93	35	46	44	.30	4	5	37.45	
16	29.07	53	53	49	73	59	×	65	88	42	49	45	.54	5	9	11.95	
23	28.98	50	50	46	73	54	41	61	84	35	49	46	.67	5	8	27.85	

June	30 29.06	60	59	55	75	63	50	71	98	42	51	48	1.44	6	7	33.90
	6 29.08	54	54	51	80	61	47	70	94	44	55	49	2.23	5	8	10.55
	13 28.99	57	57	54	80	60	49	69	89	46	54	51	1.22	5	10	15.35
July	20 29.00	57	57	52	69	62	49	68	93	47	55	52	2.34	6	9	24.50
	27 29.33	57	57	55	87	62	49	68	92	44	54	53	.53	4	7	32.00
	4 29.11	61	61	55	65	63	52	58	91	47	55	53	.41	3	8	17.25
August	11 28.95	59	59	56	81	64	52	70	96	45	56	53	1.01	6	8	21.35
	18 28.91	59	59	55	75	64	55	69	91	49	57	53	1.45	7	9	13.05
	25 28.62	59	59	56	81	65	55	68	88	47	56	54	1.22	6	9	14.85
	1 29.12	63	63	59	76	64	56	73	91	51	57	54	.62	6	8	73.05*
	8 29.14	58	58	55	81	65	54	70	90	49	58	55	.89	4	9	
	15 29.02	56	56	53	80	59	50	64	92	43	56	55	1.84	7	8	
September	22 28.70	58	57	56	93	65	50	74	108	44	57	55	4.41	7	7	34.85
	29 29.26	56	56	55	93	68	43	76	110	34	55	54	—	—	2	
	5 28.92	55	55	54	93	62	49	66	90	40	56	54	2.38	5	6		34.20
October	12 29.23	50	50	49	93	55	43	59	83	36	52	53	1.31	7	8	35.50
	19 29.38	55	55	54	93	58	48	62	76	43	53	52	.39	5	9	7.65
	26 29.55	53	53	53	100	62	48	61	90	37	52	52	.01	1	5	20.55
November	3 29.18	55	55	52	80	58	49	61	75	42	52	52	.23	4	9	11.60
	10 29.14	55	55	53	86	60	50	61	76	40	53	52	1.18	5	9	12.45
	17 29.47	52	52	50	86	56	43	60	84	31	50	52	.23	3	5	36.60
December	24 29.12	43	43	41	85	49	36	51	69	27	46	51	.06	4	8	28.40
	31 29.20	41	41	40	92	47	33	48	72	22	40	47	1.03	3	7	26.85
	7 28.85	51	51	49	86	53	44	55	68	35	45	46	1.46	5	9	11.65
	14 28.08	48	48	48	100	51	72	51	62	32	46	47	1.25	6	8	2.60
	21 29.18	44	44	43	92	47	39	49	61	30	44	46	1.58	6	6	14.75
	28 28.90	46	46	45	92	49	43	49	56	30	43	45	2.19	7	8	1.00
December	5 29.04	43	43	43	100	48	38	42	52	30	42	45	.96	7	9	6.50
	12 29.29	45	45	45	100	47	41	48	50	31	43	44	.41	6	9	.90
	19 29.49	40	40	39	92	45	37	44	48	28	42	44	.17	2	7	6.30
	26 29.58	42	42	42	100	43	37	44	47	27	37	42	.42	5	9	2.70
Means	29.03	48	48	46	86	52	40	57	69	37	46	48	51.95	5	7	890.83

* Month Reading

TABLE No. 15.

COUNTY BOROUGH OF OLDHAM.

Deaths Registered at Several Groups of Ages from Different Causes
during year ending December 31st, 1931.

[illegible]

TABLE No. 15—Continued.

CAUSE OF DEATH.	AGES.													Totals.
	0 to 1	1 to 5	Total under 5 years	5 to 15	15 to 25	25 to 35	35 to 45	45 to 55	55 to 60	60 to 65	65 to 75	75 to 85	85 and upwards	
V.—DEVELOPMENTAL DISEASES.														
Premature Birth.....	51	...	51	...	...	...	...	...	...	...	...	...	...	51
Atelectasis	5	...	5	...	...	...	...	...	...	...	...	...	...	5
Congenital Malformations... ..	15	...	15	...	...	...	...	...	...	...	...	...	...	15
Old Age .....	...	...	...	...	...	...	...	...	...	1	21	35	14	71
VI.—LOCAL DISEASES.														
1. Diseases of Nervous System														
Inflammation of Brain or Membranes .....	...	1	1	...	...	1	1	...	...	...	...	...	...	3
Apoplexy, Softening of Brain, Hemiplegia, Brain Paralysis.	3	...	3	1	1	1	3	10	23	29	60	31	3	165
Insanity, General Paralysis of the Insane .....	...	...	...	...	...	2	3	6	4	2	8	2	...	27
Epilepsy .....	...	1	1	...	2	4	1	4	2	1	2	...	...	17
Encephalitis Lethargica.....	...	...	...	...	3	...	1	4	1	1	3	...	...	13
Convulsions	6	...	6	...	...	...	...	...	...	...	...	...	...	6
Laryngismus Stridulus (Spasm of Glottis).....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Poliomyelitis .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Disease of Spinal Cord, Paraplegia, Paralysis Agitans...	1	...	1	1	1	...	1	1	2	2	1	...	...	10
Other Diseases of Nervous System .....	...	...	...	...	1	1	...	1	...	...	...	2	...	5
2. Diseases of Organs of Special Sense.														
Of Ear, Eye, Nose .....	...	...	...	...	1	...	...	...	...	...	1	...	...	2
Cerebro Spinal Meningitis ..	1	...	1	...	...	...	...	...	...	...	...	...	...	1
3. Diseases of Circulatory System.														
Pericarditis	1	...	1	...	...	...	...	...	...	...	...	...	...	1
Acute Endocarditis.....	...	...	...	...	1	1	2	...	...	...	...	...	...	4
Valvular Diseases of Heart ...	...	...	...	...	5	5	8	15	7	14	24	11	...	89
Other Diseases of Heart	3	...	3	1	2	5	7	22	23	23	61	35	5	187
Aneurism .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Embolism, Thrombosis .....	...	...	...	...	...	...	...	3	1	3	9	3	1	20
Other Diseases of Blood Vessels	...	...	...	...	...	1	1	3	4	1	23	14	...	47
4. Diseases of Respiratory System.														
Laryngitis .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Croup .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Emphysema, Asthma.....	...	...	...	...	...	...	1	2	3	3	...	2	...	11
Bronchitis	23	3	26	2	3	3	8	25	22	26	85	54	6	260
Pneumonia	42	28	70	8	8	13	23	19	19	10	23	8	...	201
Pleurisy .....	...	...	...	1	...	...	1	...	2	...	2	...	...	6
Other Diseases of Respiratory System ..	1	...	1	...	...	...	...	1	1	1	1	...	...	5

TABLE No. 15—Continued.

CAUSE OF DEATH.	AGES.													Totals.
	0 to 1	1 to 5	Total under 5 years	5 to 15	15 to 25	25 to 35	35 to 45	45 to 55	55 to 60	60 to 65	65 to 75	75 to 85	85 and upwards	
5. Diseases of Digestive System.														
Dentition
Sore Throat, Quinsy	1	...	...	...	...	...	...	...	...	1
Diseases of Stomach	1	...	1	4	2	2	2	5	1	1	19
Enteritis	4	2	6	...	...	...	1	2	1	...	2	1	...	13
Obstructive Diseases of Intestine	2	...	2	1	...	1	...	4	1	...	2	...	...	11
Hernia	1	...	1	3	1	1	4	1	...	12
Peritonitis	2	...	...	1	...	2	...	1	...	...	6
Appendicitis and Typhlitis	1	2	...	1	...	2	1	...	...	...	7
Ascites
Cirrhosis of Liver	3	...	...	2	...	...	5
Jaundice and other Diseases of Liver	1	...	1	...	...	...	...	1	...	1	...	1	...	4
Other Diseases of Digestive System	1	...	1	...	...	...	...	...	2
6. Diseases of Lymphatic System.														
Of Lymphatics and of Spleen..	1	1	...	...	1	2	...	1	...	...	6
7. Diseases of Glandlike Organs of Uncertain Use.														
Bronchocele, Addison's Disease	1	1	...	...	...	...	...	2
8. Diseases of Urinary System.														
Nephritis	1	...	7	8	13	12	6	22	10	...	79
Bright's Disease, Albuminuria.	1	1	...	1	1	...	...	4
Disease of Bladder or of Prostate	1	...	...	1	...	1	3
Other Diseases of the Urinary System	1	...	...	...	...	...	1
9. Diseases of Reproductive System.														
A. Of Organs of Generation.														
Male Organs
Female Organs	1	...	...	...	...	...	1
B. Of Parturition.														
Abortion, Miscarriage	2	1	...	...	...	...	...	...	3
Puerperal Convulsions
Placenta prævia, Flooding	1	...	...	...	...	...	...	...	1
Other Accidents of Childbirth.	2	...	2	...	2	3	...	...	...	...	...	...	...	7
10. Diseases of Bones and Joints.														
Caries, Necrosis
Arthritis, Ostitis, Periostitis...	2	...	...	1	2	...	5
Other Diseases of Bones and Joints	2	...	...	2

TABLE No. 15—Continued.

[illegible]

TABLE No. 16.

SCARLET FEVER.

Ages	Cases Reported.	Deaths of such Cases.	
		Total.	Percentage.
Under 5 years ...	67	1	1·5
5 to 10... ...	104	...	...
10 to 15... ...	56	1	1·8
15 to 25... ...	20	...	...
25 to 35... ...	15	...	...
35 to 45... ...	9	...	...
45 to 55... ...	1	...	...
Over 55 ...	...	...	...
Totals ...	272	2	·73

TABLE No. 17.

DIPHTHERIA.

Ages.	Cases Reported.	Deaths of such Cases.	
		Total.	Percentage
Under 5 years ...	16	1	6·2
5 to 10... ...	31	1	3·2
10 to 15... ...	18	...	...
15 to 25... ...	12	..	...
25 to 35... ...	7	...	...
35 to 45... ...	...	...	...
45 to 55... ...	3	...	...
Over 55... ...	1	...	...
Total	88	2	2·2

TABLE No. 18.
TYPHOID OR ENTERIC FEVER.

Ages.	Cases Reported.	Deaths of such Cases.	
		Total.	Percentage.
Under 5 years ...	...	
5 to 10... ..	...	
10 to 15	3		
15 to 25... ..	4		
25 to 35... ..	...	
35 to 45... ..	1		
45 to 55... ..	...	
Over 55... ..	...	
Totals	8	Nil.	

TABLE No. 19.
Showing the number of Cases of Sickness and the Deaths Registered during the
several months of the year 1931 in Oldham.

MONTHS.	SMALLPOX.		SCARLET FEVER.		DIPH- THERIA.		TYPHOID FEVER.		PUER- PERAL FEVER.		PUER- PERAL PYREXIA		CEREBRO- SPINAL M'NINGITIS		ACUTE POLIOMYE- LITIS		ENCEPHA- LITIS L'ITH'RGICA		ERYSIPELAS		PNEUMONIA		CHICKEN POX	
	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
January	32	2	16	1	...	1	1	...	...	...	...	...	...	...	2	3	12	...	44	43	...	...
February...	35	...	12	1	...	...	3	...	...	...	...	...	...	...	1	...	3	...	42	34	...	...
March	30	...	15	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	30	25	...	...
April	14	...	8	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	15	14	...	...
May	17	...	4	...	...	...	2	...	...	...	...	...	...	...	...	...	6	1	21	14	...	...
June	23	...	4	...	...	...	1	...	...	...	...	...	...	...	...	...	3	...	13	15	...	...
July	22	...	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	14	5	...	...
August	24	...	10	...	...	...	2	...	...	...	...	...	...	...	...	...	...	3	6	...	...
September.	18	...	2	...	...	...	3	...	...	...	...	...	...	...	...	...	...	9	5	...	...
October	21	...	4	...	...	1	1	...	...	...	...	...	...	...	...	...	...	3	8	11	...	...
November..	30	...	7	...	...	...	2	...	...	...	...	...	...	...	...	...	...	4	13	15	...	...
December..	6	...	2	...	...	...	4	...	...	...	...	...	...	...	...	...	...	4	10	14	...	...
Totals	272	2	88	2	8	2	20	1	...	...	1	1	6	13	53	1	222	201	...	...

TABLE No. 20.

Cases of Infectious Disease notified during the Year 1931.

NOTIFIABLE DISEASE.	CASES NOTIFIED IN WHOLE DISTRICT.						
	At all Ages.	At Ages—Years.					
		Under 1	1 to 5	5 to 15	15 to 25	25 to 65	65 and upwds
Small-pox ... ..	...	...	...	...	...	...	...
Scarlet Fever ..	272	1	66	160	20	25	...
Diphtheria	88	2	14	49	12	10	1
Enteric Fever ..	8	...	...	3	4	1	...
Puerperal Fever ...	8	...	...	...	1	7	...
Puerperal Pyrexia	20	...	...	...	6	14	...
Cerebro Spinal Fever	1	1	...	...	...	...	...
Acute Poliomyelitis ...	1	...	...	1	...	...	...
Encephalitis Lethargica ...	6	...	...	...	2	3	1
Typhus Fever ...	...	...	...	...	...	...	...
Erysipelas	53	...	1	1	3	37	11
Dysentery .....	...	...	...	...	...	...	...
Malaria .....	...	...	...	...	...	...	...
Totals ...	457	4	81	214	48	97	13

TABLE No. 20—Continued.

Cases of Infectious Disease notified during the Year, 1931.

NOTIFIABLE DISEASE.	TOTAL CASES NOTIFIED IN EACH LOCALITY.												
	Total No.	St. Mary's Ward	St. Peter's Ward	Werneth Ward	Westwood Ward	St. Paul's Ward	Coldhurst Ward	Hartford Ward	Hollinwood Ward	Clarksfield Ward	Mumps Ward	St. James' Ward	Waterhead Ward
Small-pox .	...	...	...	...	...	...	...	...	...	...	...	...	...
Scarlet Fev'r	272	12	23	16	28	27	12	19	66	18	15	13	23
Diphtheria...	88	7	12	8	17	7	2	11	5	2	7	2	8
Enteric Fev'r	8	2	...	1	1	1	1	...	...	1	...	..	1
Puerperal Fever..	8	2	...	1	...	...	...	..	...	4	1	...	...
Puerperal Pyrexia ...	20	2	2	...	2	2	...	1	..	5	1	1	4
Cerebro Spinal Fever	1	...	...	...	...	...	...	1	...	...	...	...	...
Acute Poliomyelitis	1	...	1	...	...	...	..	...	...	...	...	...	...
Encephalitis Lethargica	6	...	...	...	...	1	...	1	...	3	1	...	...
Typhus Fev'r	...	...	...	...	...	..	...	...	...	...	...	...	...
Erysipelas...	53	4	6	3	11	3	...	7	3	5	3	5	3
Dysentery ..	...	...	...	..	...	...	...	...	...	...	...	...	...
Malaria ...	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals ...	457	29	44	29	59	41	15	40	74	38	28	21	39

TABLE No. 20—Continued.

NOTIFIABLE DISEASE.	No. OF CASES REMOVED TO HOSPITAL FROM EACH LOCALITY												
	Total No.	St. Mary's Ward	St. Peter's Ward	Werneth Ward	Westwood Ward.	St. Paul's Ward	Coldhurst Ward	Hartford Ward	Hollinwood Ward	Clarksfield Ward	Mumps Ward	St. James' Ward	Waterhead Ward
Small-pox ..	...	...	...	...	...	...	...	...	...	...	...	...	...
Scarlet Fev.	194	9	16	8	23	15	9	10	50	11	15	9	19
Diphtheria...	78	6	11	8	16	5	1	9	4	1	7	2	8
Enteric Fev.	8	2	...	1	1	1	1	...	...	1	...	...	1
Puerperal ,,	4	2	.	.	...	...	...	...	...	1	1	...	...
Puerperal Pyrexia ...	3	...	...	...	...	2	...	...	.	...	...	...	1
Cerebro Spinal Fev.	...	...	...	...	...	...	...	...	...	...	...	..	...
Acute P'li'my'litis	...	...	...	...	...	...	...	...	...	...	...	...	...
Encephalitis Lethargica	2	...	...	...	...	...	...	...	...	1	1	...	...
Typhus Fev.	...	...	...	...	...	...	...	...	...	...	...	...	...
Erysipelas...	16	1	1	...	4	...	...	5	1	...	1	1	2
Dysentery...	...	...	...	...	...	...	...	...	...	...	...	...	...
Malaria .....	...	...	...	...	...	...	...	...	...	.	...	...	...
Totals ...	305	20	28	17	44	23	11	24	55	15	25	12	31

TABLE
SUMMARY OF CASES ADMITTED INTO WEEHULME

	1912		1913		1914		1915		1916		1917		1918		1919		1920	
	Admitted	Died	Admitted	Died	Admitted	Died	Admitted	Died	Admitted	Died	Admitted	Died	Admitted	Died	Admitted	Died	Admitted	Died
Measles	21	1	...	...	47	7	6	1	18	2	19	2	17	...	36	...	8	...
Measles & Appendectomy .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Scarlet Fever...	242	7	509	10	815	37	364	7	110	2	99	1	106	6	296	11	318	6
Doubtful Scarlet Fe....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Scarlet Fe. & Diphtheria...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Scarlet Fe. & Measles ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Scarlet Fe. & Chick'n-pox...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Scarlet Fe. & Whoop'g C'gh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Scarlet Fe. & Phthisis .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Diphtheria	20	5	22	9	46	9	37	6	76	20	32	4	52	9	71	9	87	16
Diphtheria & Measles....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Diphtheria, Measles and Ophthalmia ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Diphtheria & Phthisis....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Diphtheria & Typhoid Fe...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Typhus .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Typhoid Fever...	18	5	10	...	24	6	14	1	9	3	11	4	24	4	7	3	7	3
Puerperal Fe...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...
Encephalitis Lethargica ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Erysipelas .....	...	...	1	...	1	...	5	...	2	...	4	...	2	...	2	...	3	...
Tuberculosis ...	...	...	...	...	105	20	127	22	131	23	162	29	153	28	147	25	114	28
Chicken-pox ...	10	...	4	...	...	...	...	...	...	...	1	...	9	...	9	...	6	...
Chic'n-pox & Appendicitis...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Whooping Cough .....	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...
Cerebro Spinal Meningitis...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	1	...	...
Marasmus .....	...	...	...	...	...	...	...	...	...	...	3	...	7	3	13	1	...	...
Malnutrition ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	311	18	546	19	1040	80	553	37	346	50	331	40	370	50	583	50	543	53

No. 21.

HOSPITAL DURING THE YEARS 1912 TO 1931.

	1921		1922		1923		1924		1925		1926		1927		1928		1929		1930		1931	
	Admitted	Died	Admitted	Died	Admitted	Died	Admitted	Died	Admitted	Died	Admitted	Died	Admitted	Died	Admitted	Died	Admitted	Died	Admitted	Died	Admitted	Died
...	4	...	64	10	10	...	25	...	56	8	29	1	22	2	7	1	16	1	12	...	22	...
...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...
...	503	8	467	7	194	5	162	5	371	9	306	...	185	...	256	2	475	3	522	5	254	3
...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	3	...	...	...	...	...
...	...	...	3	...	3	1	2	...	3	...	1	7	...	...	5	...	9	1	3	...	...	...
...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...
...	...	...	...	...	1	...	1	...	...	...	...	...	...	...	1	...	2	...	1	...	...	...
...	...	...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...
...	72	6	67	12	53	12	83	6	128	22	150	15	213	16	276	31	240	14	162	17	106	4
...	...	...	2	1	...	...	...	...	2	1	...	...	2	1	2	2	...	...	...	...	...	...
...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...
...	13	5	11	3	9	2	12	2	8	2	6	1	7	2	6	3	6	2	2	1	11	1
...
...	...	...	...	...	...	...	1	1	1	...	1	1	...	...	1	1	...	...	...	...	1	...
...	1	...	...	...	...	...	1	...	...	...	...	...	2	...	...	...	...	...	...	...	2	...
...	99	22	105	23	94	18	95	22	96	27	80	27	98	23	82	25	83	35	78	17	96	20
...	5	...	2	...	14	...	24	3	9	...	12	...	...	...	1	...	...	...	1	...	2	...
...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	2
...	...	...	...	...	...	...	...	...	...	...	1	1	2	2	1	1	...	...	...	...	2	...
...	...	...	2	...	36	...	28	...	13	2	...	...	15	...	...	...	...	...	...	...	...	...
	697	41	726	61	417	38	435	40	688	73	596	46	547	46	638	66	835	56	781	40	501	30

TABLE No. 22.

Showing the number of new Cases of Sickness coming to the knowledge of the Medical Officer of Health during the years 1900 to 1931.

Year.	Small-pox.	Scarlet Fever.	Diphtheria	Typhus Fever.	Typhoid Fever.	Puerperal Fever.	Total Cases.
1900	8	1065	94	...	72	21	1260
1901	2	679	56	...	40	18	795
1902	178	704	187	...	63	15	1147
1903	256	507	201	...	52	9	1025
1904	255	638	158	...	76	19	1146
1905	281	969	98	...	62	15	1425
1906	455	794	92	...	31	16	1388
1907	...	522	69	...	22	8	621
1908	...	597	89	...	39	21	746
1909	...	522	62	...	35	16	635
1910	2	217	50	...	24	14	307
1911	1	447	87	...	20	19	574
1912	...	366	49	...	18	10	443
1913	8	922	91	...	12	13	1,046
1914	4	1265	164	...	18	9	1,460
1915	22	530	86	...	11	10	659
1916	1	149	142	...	5	9	306
1917	...	129	51	...	5	11	196
1918	...	141	55	...	17	6	219
1919	...	436	118	...	5	14	573
1920	4	434	152	...	3	16	609
1921	4	725	106	...	10	12	857
1922	50	610	89	...	5	15	769
1923	...	244	59	...	3*	9†	315
1924	...	142	80	...	3	7	232
1925	...	410	133	...	7	9	559
1926	10	326	140	...	1	16†	493
1927	19	188	205	...	3	22†	437
1928	31	279	288	...	1	31†	630
1929	18	668	221	...	6	32†	945
1930	32	712	168	...	...	34†	946
1931	...	272	88	...	8	28†	396

* Including one case notified by Manchester Health Department.

† Including one case admitted into Oldham Union from Royton when already suffering from Puerperal Fever.

† Including Puerperal Pyrexia.

TABLE No. 23.

Summary of Cases treated in the Racefield, Hartshead and Strinesdale Hospitals during the years 1917 to 1931.

Hospitals.	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	1931
	Admitted. Died.	Admitted. Died.	Admitted. Died.	Admitted. Died.	Admitted. Died.	Admitted. Died.	Admitted. Died.	Admitted. Died.	Admitted. Died.	Admitted. Died.	Admitted. Died.	Admitted. Died.	Admitted. Died.	Admitted. Died.	Admitted. Died.
Racefield & Hartshead Oldham Cases	...	...	...	4 ...	1 ...	49 ...	...	...	...	10 ...	19 ..	30 ...	18 ...	32 ...	...
Strinesdale.....	* 65	* 79	* 73	* 76 ...	* 76 1	* 73 2	* 50 ..	* 67 ...	* 77 ..	* 96 3	* 86 9	* 76 4	* 73 8	* 71 8	* 96 7
Oldham Cases	56	57	55 ...	68 ...	74 ..	122 2	48 ...	67	77	106 3	105 9	106 4	91 8	103 8	96 7
Out-Township Cases	9 ...	22 ...	18 ...	...	6 ...	...	2	...	...	...	...	...	...	...	...
Totals	65 ...	79 ...	80 ...	68 4	77 ...	122 2	50 ...	67 ...	77 ...	106 3	105 9	106 4	91 8	103 9	96 7

* Cases of Phthisis.

TABLE No. 24.

HEALTH VISITORS' SUMMARY,

For Year ending December, 1931.

Total Live Births—Legitimate	...	...	...	...	1918
„ „ Illegitimate	...	...	...	...	123
„ Still Births	...	...	...	...	126
„ Births notified by Midwives	...	...	...	...	1554
„ „ „ Doctors and Parents	...	...	...	...	563
Infant Deaths—Legitimate	...	...	...	...	179
„ „ Illegitimate	..	...	...	...	25
Visits to Children under 1 year	..	...	...	...	7130
„ „ 1 to 5 years	...	...	...	...	12455
„ Expectant Mothers...	...	...	...	...	447
„ Ophthalmia	...	...	...	...	11
„ Puerperal Fever	...	...	...	...	8
„ „ Pyrexia	...	...	...	...	20
„ Measles	...	...	...	...	885
„ Mumps	...	...	...	...	735
„ Whooping Cough	407
„ Chicken Pox	797
„ Special Enquiries	687
„ Infant Deaths...	191

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TABLE No. 25.

SHOWING THE NUMBER OF WORKSHOPS REGISTERED,
VISITS MADE, AND DEFECTS REMOVED.

No. of Workshops on Register December, 1930	...	...	...	395
„ „ Discontinued during 1931	...	...	...	39
„ „ Registered during 1931...	...	...	...	18
„ „ on Register December, 1931	...	...	...	374
„ Visits Paid	...	...	...	391
„ Notices Served	...	...	...	25
„ „ Complied with	...	...	...	20

Nature of Defects.	Notices Served.	Notices Complied with.
Dirty Workrooms	1	1
Damp, Defective Roof, &c.	2	2
Defective Ventilation	...	...
Defective Water Supply	...	...
Insufficient or no Closet Accommodation	1	1
Defective Closets	...	...
Closet—Not Separate for Sexes	...	..
Defective Drains	2	2
Untrapped Drains	...	...
Blocked Drains	3	3
Dust Bins	...	...
Defective or Short Slop Pipes	...	...
Fire Escapes	12	7
Accumulations	2	2
Defective Chimneys	...	...
Overcrowding	...	...
Miscellaneous	2	2

TABLE No. 26.

SHOWING THE NUMBER OF BAKEHOUSES REGISTERED,
VISITS MADE, AND DEFECTS REMOVED.

No. of Bakehouses on Register, December, 1930	...	...	...	...	297
„ „ discontinued during 1931	...	...	...	...	4
„ „ registered during 1931	...	...	...	...	12
„ „ on Register, December, 1931	...	...	...	...	305
„ Visits paid	...	...	...	...	625
„ Notices served	...	...	...	...	24
„ „ complied with	...	...	...	...	22

Nature of Defects.	Notices Served	Notices Complied with.
Defective Ventilation	...	...
Dirty Bakehouses	..	...
Accumulations	1	...
Damp, Defective Roof, etc.	8	8
Defective Water Supply	...	...
Defective Dustbins	6	6
Defective Slop Pipe	1	...
Blocked Drains	3	3
Defective Drains	1	1
Defective Chimneys	...	...
Defective Closets	1	1
Insufficient or no Closet Accommodation	...	...
Broken Walls	1	1
Broken Ceiling	1	1
Miscellaneous	1	1

District	No. on Register	Where Baking is Done.					Kind of Oven Used.				
		Living Room	Living Room and Kitchen	Out Kitchen	Cellar	Bakehouse	Ordinary	Special Iron	Gas	Brick	Electric
No. A	31	...	16	10	2	3	4	22	5	...	1
„ B	59	4	11	16	4	24	5	62	5	...	...
„ C	71	1	32	4	2	32	5	74	1	...	2
„ D	55	1	17	18	3	16	6	48	...	...	1
„ G	50	7	13	7	5	18	7	43	7	...	...
„ H	39	2	5	7	4	21	3	37	6	2	...
Totals	305	15	94	62	20	114	30	286	24	2	4

TABLE No. 27.

RETAIL MILK SHOPS.

No. of Milk Shops on Register, December, 1930...	...	...	...	216
„ „ Discontinued during 1931	...	...	...	21
„ „ Registered „ 1931	...	...	...	127
„ „ on Register, December, 1931...	...	...	...	322
No. of Visits Paid	...	...	...	739
Visits to Ice Cream Vendors	...	...	...	81
No. of Notices Served	...	...	...	6
„ „ Complied With	...	...	...	6

TABLE No. 28.

(C)
Showing the number of Smoke Observations taken and Inspections of
Mill Lodges made during the years 1930-1931.

Month ending		SMOKE OBSERVATIONS.		MILL LODGES INSPECTIONS.	
1930.	1931.	1930.	1931.	1930.	1931.
Jan. 11	Jan. 10...	8	17	12	27
Feb. 8	Feb. 7...	41	81	24	35
Mar. 8	Mar. 7...	48	95	20	37
Apr. 5	Apr. 4...	122	98	33	24
May 3	May 2...	119	63	25	29
„ 31	„ 30...	105	82	29	31
June 28	June 27...	100	67	33	24
July 26	July 25...	111	77	28	21
Aug. 23	Aug. 22...	125	83	37	25
Sep. 20	Sep. 19...	85	58	35	19
Oct. 18	Oct. 17...	137	102	33	39
Nov. 15	Nov. 14...	122	76	28	24
Dec. 13	Dec. 12...	62	104	42	47
			53		39
Totals		1185	1056	379	421

TABLE No. 29

HALF-HOURLY SMOKE OBSERVATIONS,
TAKEN DURING 1931.

Total Observations taken.	No Black Smoke.	Under 1 Minute.	One and Under 2 Minutes.	Two and Under 3 Minutes.	3 and 4, both inclusive.	Over 4 Minutes
1056	404	328	254	53	16	1
Percentage ...	38·24	31·06	24·05	5·03	1·53	0·09

TABLE No. 30.

LIST OF FIRMS REPORTED TO HEALTH COMMITTEE DURING THE YEAR 1931.

NAME OF MILL	Where Situated	No of Boilers	Length of Boilers	Diameter of Boilers	Coal Consumption Weekly	No. of Boilers Working	Nature of Appliances Fixed.	How disposed of
Broadway Mill ...	Goddard Street ...	4	ft. 30	ft. in. 8 6	Tons 75	3	Nil.	Cautioned

TABLE No. 31.

SMOKE PROSECUTIONS DURING 1931.

No. of Firms Fined	Amount of Fine.	No. of times previously prosecuted.
Nil	Nil	Nil

TABLE No. 32.

NATURE OF SMOKE APPLIANCES IN USE IN THE
BOROUGH OF OLDHAM, 1931.

Name of Appliances.	No. of Mills.	No. of Boilers.
Auto-Coking Machines	8	19
Broadbent's Louvre Air Regulators... ..	10	40
Caddy's Tubular Bars	2	7
Butterworth's Sectional Bars	2	7
Hollow or Split Bridge Walls	3	10
Hamer's Patent Expansion Joints	2	7
Sanger and Webster's Patent Air Regulators	2	8
Johnson's Smoke Consumer	1	5
Courts Turners Engineering Co.'s Doors	1	4
Babcocks and Wilcocks Patent	1	13
Mellor's Patent	2	6
Evan's ,,	1	2
TOTALS... ..	35	128

Where no Appliances are fixed— 101 Mills ; 273 Boilers. There
are also about 45 Workshop Chimneys not on books:

Number Electrified ... 14
Partly Electrified 15

FOOD INSPECTOR'S REPORT.

Visits to Markets ...	...	...	...	...	...	...	336
Do. Cattle Wharves...	...	...	...	...	...	...	332
Do. Meat Shops ...	...	...	...	...	...	...	10,461
Do. Fish Shops ...	...	...	...	...	...	...	624
Do. Fruit and Vegetable Shops ..	...	...	...	...	...	...	1,963
Do. Miscellaneous	Do.	...	...	...	...	...	5
Do. Under Contagious Disease Animals Act	...	...	...	...	...	...	14
No. of Samples of Food Purchased under Food & Drugs Acts	...	...	...	...	...	...	155
" " " Informal "...	...	...	...	...	...	...	48
Visits to Corporation Destructors	...	...	...	...	...	...	135

SLAUGHTER HOUSES.

VISITS MADE AND DEFECTS REMEDIED.

No. on Register, December, 1930	...	...	...	...	...	33
No. lapsed during 1931	...	...	...	...	...	0
No. newly licensed during 1931	...	...	...	...	...	1
No. on Register, December, 1931...	...	...	...	...	...	34

DAIRIES AND COWSHEDS.

No. of Dairies on Register, December, 1930	...	...	...	...	34
No. " " " 1931	...	...	...	...	34
No. of Cowsheds on Register, December, 1930	...	...	...	...	75
No. " Lapsed during 1931	...	...	...	...	0
No. of New Cowsheds Registered during 1931	...	...	...	...	2
No. of Cowsheds on Register December, 1931	...	...	...	...	77

The number of Cowsheds, and the amount of cubic space per head:—

Total number of Cowsheds, 77.						1930.	1931.
						No of Shippons	No. of Shippons.
600 cubic feet and under 700 cubic feet per head						30	30
700	"	"	800	"	"	11	11
800	"	"	900	"	"	20	22
900	"	"	1000	"	"	10	10
1000	"	"	1100	"	"	2	2
1100	"	"	1200	"	"	2	2
Total						75	77

SUMMARY.

					Visits paid.	Notices served.	Notices complied with.
Slaughter Houses	...	...	...	...	8,375	2	2
Dairies	...	...	...	...	124	—	—
Cowsheds	...	...	...	...	303	—	—

DISEASED OR UNSOUND FOOD DESTROYED.

						Tons.	Cwts.	Qrs.	Lbs.
14 Cattle	...	...	...	...	...	3	9	0	10
25 Sheep	...	...	...	...	...	0	10	3	3
11 Pigs	...	...	...	...	...	0	8	1	22
Meat	...	...	...	...	...	3	9	1	15
Offal	...	...	...	...	...	11	0	3	3
Potatoes	...	...	...	...	...	1	2	0	0
Fish	...	...	...	...	...	0	0	2	0
Preserved Foods	..	...	...	...	...	0	9	0	6
3 Rabbits	...	...	...	...	...	0	0	0	9
301 Eggs	...	...	...	...	...	0	0	1	9
1 Chicken	...	...	...	...	...	0	0	0	4
Total	...	...	...	...	...	20	10	1	25

SUMMARY.—*continued.*

The following is a summary of diseased, etc., animals reported to, or found by the Meat and Food Inspector during the year:—

Diseased Conditions.				No. Reported.	No. Found by Inspector.	Total.
Tuberculosis in Cattle	...	...	...	285	20	305
Tuberculosis in Pigs	...	...	...	50	123	173
Flukey Livers	...	...	...	3	189	192
Echinococcus	...	...	...	4	82	86
Dropsy	...	...	...	5	2	7
Pneumonia and Pleurisy	...	...	...	5	121	126
Injured	...	...	...	3	0	3
Suffocation	...	...	...	21	0	21
Angioma	...	...	...	1	30	31
Cirrhosis	...	...	...	6	16	22
Abscess	...	...	...	1	8	9
Unsound	...	...	...	3	3	6
Nephritis	...	...	...	0	2	2
Jaundice	...	...	...	0	2	2
Mammitis	...	...	...	2	19	21
Actinomycosis	...	...	...	0	4	4
Exposure	...	...	...	6	0	6
Pericarditis	...	...	...	0	1	1
Fatty Degeneration	...	...	...	1	3	4
Putrefraction	...	...	...	2	0	2
Emphysema	...	...	...	0	2	2
Fevered and Physicked	..	...	...	4	0	4
Total	...	...	...	404	625	1029

INSPECTORS' ANNUAL REPORT, 1931.

Total Number of Reports of Nuisances and Notices Served...	...	3007
Total Number of Notices complied with .. ... ..	..	2827
Number of Cases reported to Health Committee in 1931 ... ..	...	877
Number of Notices complied with Order of Committee...	...	848
Number of Committee Cases remaining unabated ... ..	...	29
Number of Cases dealt with by the Magistrates in 1931 ... ..	...	1
Number of Complaints Received and Visited ... ..	...	659
Re-Inspection of Nuisances under Notice ... ..	...	15180

[illegible]

NUISANCES.									Notices Served.	Notices Complied with
Dirty Houses	...	...	...	...	...	...	...	..	23	20
Damp, Defective Roof, &c....	...	...	...	...	...	...	...	...	803	711
Defective Ventilation	...	...	...	...	...	...	...	...	90	66
Defective Cellars	...	...	...	...	...	...	...	...	1	1
Closet Nuisances	...	...	...	...	...	...	...	...	118	117
Defective Water Supply	...	...	...	...	...	...	...	...	75	74
Overcrowding	...	...	...	...	...	...	...	...	24	24
Unfit for Habitation	...	...	...	...	...	...	...	..	4	6
Unregistered Houses let in lodgings...	...	...	...	...	...	...	...	...	7	7
Separation of Sexes	...	...	...	...	...	...	...	..	13	13

HOUSES LET IN LODGINGS, 1931.

Number of Houses on Register, December, 1930	...	...	...	131
„ „ lapsed during 1931	...	...	...	5
„ „ registered during 1931	...	...	...	11
„ „ on register December, 1931	...	...	...	137
„ Rooms on register December, 1930	...	...	...	712
„ „ lapsed during 1931	...	...	...	30
„ „ registered during 1931	...	...	...	52
„ „ on register December, 1931	...	...	...	734
Visits paid	...	...	...	7969
Notices Served	...	...	...	136
„ complied with	...	...	...	131

NATURE OF DEFECTS	Notices Served	Notices Complied With
Broken Walls, Floors and Ceilings...	8	8
Overcrowding	15	15
Separation of Sexes	13	13
Dampness from Defective Roof, etc.	19	18
Blocked and Defective Drains	17	16
Defective Slop-pipes	4	4
Dirty Walls, Floors, Ceilings, Closets, etc.	16	15
Defective Water Closets	7	7
„ Waste Water Closets...	—	—
Accumulations of Refuse	5	5
Defective Dust bins	8	8
Defective Ventilation	—	—
Failing to Register	7	7
Other Defects	17	15
	136	131

DRAINAGE DEFECTS.	Notices Served.	Notices Complied with
Blocked Drains	600	591
Defective Drains... ..	162	136
Drain Inlets Untrapped or Defectively Trapped ...	190	187
Slop Pipe, Defective or Improperly Ventilated ...	49	47
Defective Water Closets	67	64
Defective Waste Water Closets... ..	828	828
New Water Closets provided	82	67
New Waste Water Closets... ..	—	—
New Pail Closets	—	—
Yards and Passages Repaired and Flagged	63	53
Accumulation of Offensive Matter	200	197
Manure Heaps... ..	13	13
Defective and Insufficient Dustbins	674	668

No. of Smoke or other Tests, 827. No. of Houses Tested, 719.
No. of Defects found, 183. 838 yards of Channel Tiles and Drainage
Pipes have been laid or re-laid.
Traps fixed, 187. Ventilating Grids, 1.
Houses connected with Main Sewer, 12.

VISITS TO VARIOUS PREMISES.	Visits Paid.	Notices Served.	Notices Complied with
Bakehouses	625	24	22
Pigsties	39	—	—
Tents, Vans, and Sheds	1365	—	—
Houses let in Lodgings	7969	136	131
Offensive Trades	332	1	1
Mill Lodges	421	—	—
Ice Cream Vendors	81	1	1
Milkshops	739	6	6
Factories and Workshops	391	25	20
Shop Hours Act	—	—	—

CLOTHING, &c., 1930-1931.

Articles.	Disinfected.		Destroyed.		Totals.	
	1930.	1931.	1930.	1931.	1930	1931.
Blankets	2343	1234	36	37	2379	1271
Sheets	1737	861	27	24	1764	885
Pillows	2327	948	85	130	2412	1078
Bolsters	1210	732	38	48	1248	780
Quilts.....	1646	885	29	17	1675	902
Mattresses	6	14	67	64	73	78
Beds	1230	654	115	140	1345	794
Carpets	14	18	5	8	19	26
Rugs	58	37	3	2	61	39
Curtains.....	201	49	9	...	210	49
Clothes	2258	1339	85	194	2343	1533
Sundry Articles ...	76	19	231	203	307	222
Total ...	13,106	6,790	730	867	13,836	7,657

1930—Total Houses Disinfected .. 1326

,, Rooms ,, ... 3821

1931—Total Houses Disinfected ... 715

,, Rooms ,, ... 1789

CLEANSING DEPARTMENT, 1931.

Number of Ashpits in the Borough		...	...	...	...	None
Do.	Ashbins	do.	...	...	...	36681
Do.	Pail Closets	do.	...	...	...	1611
Do.	Water Closets	do.	...	...	...	11127
Do.	Waste-water Closets	do.	...	...	...	24606
Do.	Latrines	do.	...	...	...	2906
Do.	Houses represented		...	...	...	38939
Do.	Mills, Workshops, &c.	do.	...	...	...	593
Do.	Churches, Schools, &c.	do.	...	...	...	245

ASHES DEPARTMENT.

Number of Ashpits Emptied during the day		...	...	...	...	None
Do.	Ashbins	do.	do.	...	...	1912451
Do.	Tons of Ashes taken to Destructors			...	...	25540
Do.	do.	do.	Corporation Tips	...	...	2048
Do.	do.	do.	Other Tips	...	...	194
Total No. of Tons collected				...	...	<u>27782</u>
Number of Tons of Clinker removed from Destructors		...	...	...	...	10903

NIGHTSOIL DEPARTMENT.

Number of Sanitary Pails Emptied during the night		...	...	...	...	81818
Do.	Collections of Butchers' Offal (during the night)			...	...	2318
Do.	do.	Fish Offal	...	...	...	17162
Do.	Loads of Excreta collected			...	...	1233
Do.	do.	Butchers' Offal collected	...	...	...	481
Do.	do.	Fish Offal collected	...	...	...	1221

DESTRUCTORS.

Quantity of Ashes, Fish Offal and Garbage consumed :—								Tons	Cwts
								T.	C.
Rhodes Bank Destructor :—									
Portion of Collection—Screened				...	11019	2			
Do.	do.	Unscreened	...	3546	18	14566	0		
Robin Hill	„	...	...	...	...	6243	16		
Hollinwood	„	...	...	...	...	6257	1		
Total				...	...	...	...	<u>27066</u>	<u>17</u>

